© Siemens AG 2011



DELTA
Switches and Socket Outlets

Catalog ET D1 · 2011



Answers for infrastructure.

SIEMENS

© Siemens AG 2011

Related catalogs

Contents

Low-Voltage Power Distribution and Electrical Installation Technology

Protection, Switching, Measuring and Monitoring Devices — LV 10.1
Order No.:
E86060-K8250-A101-A1-7600



Air circuit breakers • Molded case circuit breakers • Miniature circuit breakers • Residual current protective devices • Fuse systems • Overvoltage protection devices • Switch disconnectors • Switching devices • Transformers, Bells and Socket Outlets • Busbar Systems • Measuring devices and E-counters • Monitoring devices • Software

Switchboards and Distribution Systems — LV 10.2
Order No.:
E86060-K8260-A101-A1-7600



Switchboards • SIVACON 8PS busbar trunking systems • SIVACON 8MC, 8MF Cubicle Systems • SIVACON 8MR, 8ME Cubicle Air-Conditioning • Distribution Boards • Terminal blocks

GAMMA Building Management Systems — ET G1
Order No.:
E86060-K8230-A101-B5-7600



Display and control units • Output devices • Input devices • Combination devices • Lighting • Sun protection, anti-glare protection, utilization of daylight • Heating, cooling, ventilation, air-conditioning • Load management • Safety • Quick-assembly systems • Gateways, interface converters • Physical sensors • Control and automation devices • System products • System accessories • Counters • Radio system - GAMMA wave KNX-Radio • Radio system - EnOcean

DELTA Switches and Socket Outlets — ET D1
Order No.:
PDF only: (E86060-K8240-A101-B4-7600)



i-system • DELTA line • DELTA vita • DELTA miro • DELTA profil • DELTA style • DELTA natur • m-system • Surface-mounting product range • Switching/pushbutton control/dimming • Motion detectors • Shutter/blind controls • Room temperature controllers • Data and communication systems • Remote control systems • Smoke detectors • GAMMA bus coupling units

SIVACON S4
Power Distribution Boards — LV 56
Order No.:
E80003-A10-R112-X-7600



Power distribution boards • Standard configurations • Cubicles, supporting structure and enclosures • Busbar system • Assembly kits for switching devices • Covers, modular doors, mounting plates, 19" rack • Internal separation • Air-conditioning products • Accessories

SIVACON 8PS
Busbar Trunking Systems
CD-L, BD01, BD2 up to 1250 A — LV 70
Order No.:
E86060-K1870-A101-A5-7600



Busbar Trunking Systems, Overview • CD-L System (25 A ... 40 A) • BD 01 System (40 A ... 160 A) • BD2 System (160 A ... 1250 A)

Interactive Catalog — CA 01
Order No.:
E86060-D4001-A510-C9-7600



All products of automation technology, drive technology, low-voltage power distribution and electrical installation technology, including those in the catalogs listed above

Industry Mall
Internet:
www.siemens.com/industrymall



All products of automation technology, drive technology, low-voltage power distribution and electrical installation technology, including those in the catalogs listed above

Catalog PDF
Internet:
www.siemens.com/lowvoltage/infomaterial



All catalogs for low-voltage power distribution and electrical installation technology can be downloaded as PDF files.

Trademarks

All product designations may be registered trademarks or product names of Siemens AG or other supplying companies. Third parties using these trademarks or product names for their own purposes may infringe upon the rights of the trademark owners.

Further information about low-voltage power distribution and electrical installation is available on the Internet at:

www.siemens.com/lowvoltage

Technical Support



Expert advice on technical questions with a wide range of demand-optimized services for all our products and systems.

www.siemens.com/lowvoltage/technical-support

© Siemens AG 2011

DELTA
Switches and Socket Outlets

Catalog ET D1 · 2011



VDE
VERBAND DER ELEKTROTECHNIK
ELEKTRONIK INFORMATIONSTECHNIK e.V.

The products and systems listed in this catalog are developed and manufactured in accordance with a VDE-certified quality management system complying with EN ISO 9001:2000.

Supersedes:
Catalog ET D1 · 2010

Refer to the Industry Mall for current updates of this catalog
www.siemens.com/industrymall

The products in this catalog can also be found in the interactive catalog CA 01.
Order No.:
E86060-D4001-A510-C9-7600

Contact your local Siemens sales office for further information

© Siemens AG 2011

Design versions

i-system components

i-system
IP20, IP44, Basic Components 1

DELTA line
IP20, IP44 2

DELTA vita
IP20, IP44
Products to be discontinued 3

DELTA miro
IP20, IP44 4

DELTA profil
IP20 5

DELTA style
IP20, IP44 6

DELTA natur
IP20 7

m-system
IP20, for i-system / DELTA profil / DELTA style 8

Surface-Mounting Product Range
IP20, IP44, IP68 9

Functions

Switching/Pushbutton Control/ Dimming 10

Motion Detectors 11

Automatic Lighting Controls NEW 12

Shutter/Blind Controls 13

Room Temperature Controllers 14

Data and Communication Systems 15

Remote Control Systems 16

Smoke Detectors 17

GAMMA Bus Coupling Units 18

Technical Information 19

Appendix 20

© Siemens AG 2011







Innovation is the key to success

We continue to invest heavily in the research and development of new technologies. We have our own experimental and test laboratories where we carry out intensive basic research on the climate in buildings and on fire, gas and explosion protection. This gives us the experience and the opportunity to create solutions that continuously flow into our new products and systems. At special test premises, such as airport buildings and hospital premises, we test the interoperability of the individual systems. This empirical data is incorporated into industry-specific solutions that continually set new standards and underscore our claim to technological leadership.

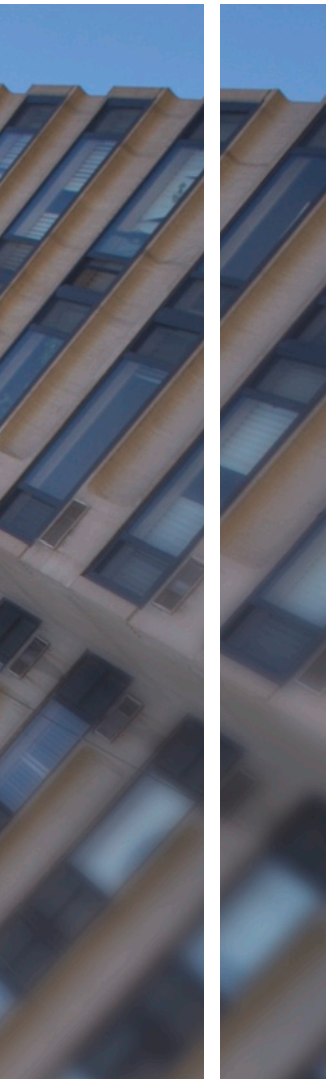
Energy-efficiency and environmental protection is our business principle

And this business principle applies cross-company and to each and every employee: We are committed to environmental protection and the careful use of resources. Since 1994, we have been involved in more than 1300 energy efficiency projects, which have jointly contributed to the saving of around 1.5 billion euro in energy costs and reduced the annual CO_2 burden on the environment by approx. 700 000 t. So, as you can see, intelligent solutions in technical infrastructures benefit not only the owners and operators of buildings, but also those who have nothing to do with them.

Customer focus as USP

This is not just a soundbite, we make every effort to ensure close customer relations. We have in-depth knowledge of their business and involve them in the development of our innovations. Our skills make us an expert provider of industry-specific solutions and services, a preferred partner during the life cycle of a building - and allow us to enjoy mutual growth with our customers.

© Siemens AG 2011



Answers for infrastructure

Siemens Industry meets the great challenges of our time head on. With solutions for technical infrastructure in industrial and non-residential buildings, residential buildings and public facilities, Siemens ensures enhanced comfort and energy efficiency in buildings, as well as the protection and safety of persons, property and business processes. As a longstanding and professional partner with all-round expertise in the industry sector, we offer tailored solutions that generate sustainable added value for our customers.

Gain a competitive edge -
with integrated building solutions

Total Building Solutions means more innovation from a single source for enhanced functionality under one roof. When it comes to delivering turnkey buildings equipped with cutting edge power distribution, building automation and safety and fire-protection equipment from a single source, Siemens is in a league of its own. And just to show that we are more than just the sum of our parts, our portfolio includes:

- *Low-voltage power distribution*
  Switchboards, busbar trunking systems, distribution boards, circuit breakers, switch disconnectors, low-voltage circuit protection, building management systems, switches and socket outlets
- *Building automation*
  Heating, ventilation and air-conditioning controls, overall energy solutions offering guaranteed savings
- *Safety solutions*
  Access control, video monitoring, burglar protection, alarm control centers, operation of alarm control centers
- *Fire protection*
  Fire alarms, alerting, evacuation, extinction and complete fire protection solutions

Take a closer look at all the options available from Siemens. Check out the opportunities our products provide and discover how we can help you sustainably enhance your competitive edge.

© Siemens AG 2011



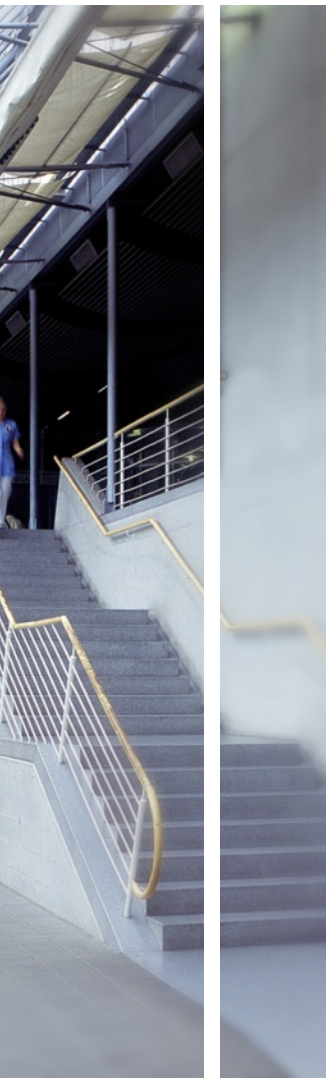




The right product for every need

Our portfolio comprises switchboards, busbar trunking systems, distribution boards, measuring devices, circuit breakers and switch disconnectors, circuit protection devices, building management systems, switches and socket outlets. The consistency, modularity and intelligence of our components and systems offer you numerous advantages – throughout their service life and wherever you are in the world. We deliver trendsetting designs and innovative functions in unique quality, developed in accordance with the applicable international standards.

© Siemens AG 2011



Consistent, safe and intelligent power distribution

Whether in industrial plants or in buildings: Every technical system depends on a reliable supply of electric power. Even a short power failure may have serious consequences. For this reason, you need products and systems which cope with every eventuality and always keep you on the safe side. Our portfolio is the broadest world-wide, covering everything from switchboards to socket outlets.

We will be glad to provide you with extensive support from the initial information to the operation. Convince yourself of the possibilities we offer you.

Making efficient use of energy

The consistent concept behind the communication-capable components of our low-voltage power distribution range forms a sound basis for the measurement, indication, evaluation and optimization of power flows, thus enabling professional energy management for more cost-effectiveness. At the same time our intelligent building management systems, e.g. for lighting and heating, help to remarkably reduce power consumption.

Excellent support

As a competent and reliable partner we offer you comprehensive support – from initial information, planning, configuration and ordering through to commissioning, operation and technical support. We know the requirements to be met in your area of work and day-to-day business. On this basis we provide you with the type of flexible and efficient help that allows you to concentrate fully on your customers and their needs.

Top quality standards world-wide

Opting for us puts you on the safe side: Whether it is our workmanship, the materials we use or the operability and functionality of our products – we guarantee top standards of quality world-wide.

© Siemens AG 2011

New developments


Titanium white


Carbon metallic


Amber


Piano black


Chilly

The exclusive artist collection DELTA miro artist is the new highlight in the design program DELTA miro. The artist collection "Tom's Drag" was developed by the popular pop-art artist Tom Hoffmann. Every single handmade object was created with loving care and has a unique charisma of it's own. That makes every switch a piece of art. The program can be completed with classy switches in the same design made of glass, wood, aluminum or plastic.

www.tomscompany.de

DELTA miro Artist, Tom's Drag design

→ page 4/6







i-system components in amber, piano black and chilly

→ page 1/6

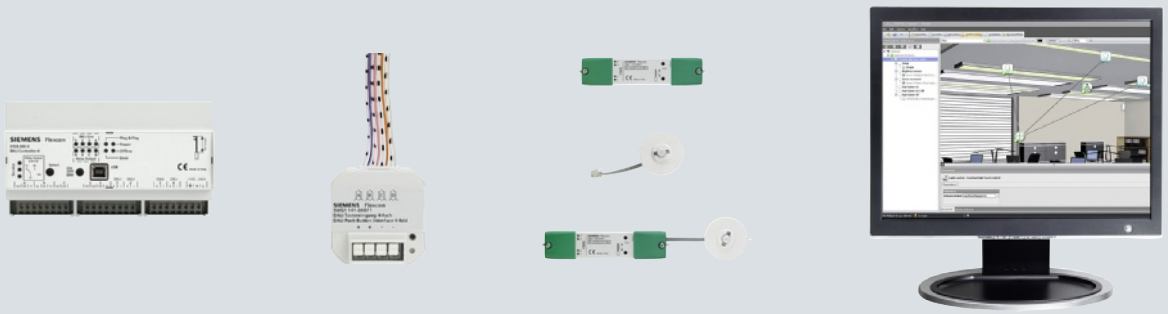
© Siemens AG 2011



More new versions:
Double units
Triple units
Socket outlet combinations

SCHUKO socket outlets, IP44, with increased touch protection

→ page 9/17



Implementing lighting systems flexibly and efficiently with Flexcon

→ page 12/1

© Siemens AG 2011

Quality and the environment

Quality in the context of the environment

Increasing urbanization and a growing global population have meant that it has become one of our key challenges to look after and preserve our natural resources – one we are happy to meet head on.

Acting responsibly

As part of the ecologically responsible and and globally active Siemens Group, we are setting the bar high. Our environmental protection objectives are an integral part of our rigorous quality management.

Even during the development of our products and systems, we take a critical look at their possible effects on the environment. So, without exception, they all comply with the EC Directive RoHS (Restriction of Hazardous Substances). During this development phase, we also lay the foundations for the highest quality: from the very outset, we define reliability requirements and the related quality assurance measures, and these are incorporated into all drafts.

All products and systems are also subject to strict quality specifications during production and testing. We take great care to ensure compliance with these specifications in order to guarantee our customers nothing but the very best quality. Our many certificates bear witness to our success.

Pioneers in recycling

As a founder member of a non-profit association for the active promotion of the environment-friendly recycling of disabled LV HRC fuse links, Siemens takes a pro-active approach to recycling. The aim of the association is to create a voluntary system for the environment-friendly recycling of LV HRC fuse links, which is simple and free for participating collectors. All proceeds are used to support a range of projects in the training and research sector.

Environmentally-friendly development and design of DELTA products

Environmentally friendly product design is a fundamental element of our product development. Starting with the selection of materials that are as low-emission as possible, over the protective use of resources, through to the development of suitable recycling strategies, we take all phases of the product cycle into account. For example, our inserts are free of cadmium and nickel, and our DELTA socket outlets are free of PVC and halogens. Our galvanic coatings are manufactured using Chrome-6 free passivation techniques and heavy metal free pigments and we have ceased using PVC and halogens for our design components. This has two advantages: our product ranges are ideal even for allergy sufferers and there are no noxious fumes in the event of a fire. Furthermore, all components can be disposed of in an environmentally friendly manner.

It goes without saying that our switch and socket outlet ranges comply with all common standards as well as the EC Directive RoHS (Restriction of Hazardous Substances).

Pro-active environmental protection

It goes without saying that we are certified to ISO 14001 – as are all Siemens premises. Furthermore, as an active member of ZVEI (German Electrical and Electronic Manufacturers' Association), we pro-actively support the protection of the environment with a wide range of measures, such as the development of binding environmental management systems.

© Siemens AG 2011

Our added extra

Build on a sound basis

With our basic and advanced courses, you can lay the foundations for your business success. Expert lecturers provide you with the necessary theoretical and practical knowledge in our modern training center in Regensburg. Dynamic and easy-to-understand training with multimedia teaching equipment and many practical examples. Available in German and English. If required, we also provide training in-house or in one of our local Siemens branches.

The range of courses extends through low-voltage power distribution to electrical installation technology. You will get to know our entire portfolio of products and their application. Step-by-step we will familiarize you with the entire spectrum of modern installation options, thus opening up a whole new world of business opportunities.

And by the way: in 1991, the training center in Regensburg became the first certified training center in the world to offer KNX courses, and it is the only manufacturer training center to teach the entire range of KNX-certified courses in both German and English.

For details of our current range of courses, please visit our website at:
www.siemens.com/lowvoltage/training

Comprehensive support

We can help you with all your requirements: contact us if you have any queries regarding our products, the planning of your electrical installation or how to obtain technical documentation.

Just give us a call:
- Tel.: +49 (911) 895 7222
- Fax: +49 (911) 895 7223

www.siemens.com/lowvoltage/technical-support

Tender specification texts

For your support, we offer you a comprehensive range of specification texts:
www.siemens.com/specifications

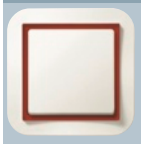
Low-voltage power distribution on the Web

Visit us on the Internet. You will find comprehensive information on our products – SIVACON switchboards, busbar trunking systems, ALPHA distribution boards, SENTRON circuit breakers and switch disconnectors, BETA low-voltage circuit protection, GAMMA building management systems and DELTA switches and socket outlets – at:
www.siemens.com/lowvoltage



© Siemens AG 2011

DELTA price overview

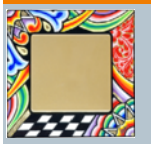
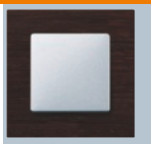
	DELTA line		DELTA vita Products to be discontinued		
	 Titanium white Additional color: electrical white	 Aluminum metallic Additional color: carbon metallic	 Titanium white/red/ titanium white	 Aluminum metal-lic/blue/aluminum metallic	 Carbon metallic/ chrome/carbon metallic
			Additional colors for color elements: titanium white, yellow, green, orange, red, dark red, dark blue, platinum, gold		
Universal off/ two-way switches	✓	✓	✓	✓	✓
Two-circuit switches	✓	✓	✓	✓	✓
Off/two-way switches and SCHUKO® socket outlets	✓	✓	✓	✓	✓
SCHUKO® socket outlets	✓ **Complete assembly:** ✓	✓	✓	✓	✓
SCHUKO® socket outlets with increased touch protection	✓ **Complete assembly:** ✓	✓	✓	✓	✓
SCHUKO® double socket outlets	✓	✓	✓	✓	✓
Aerial branch-circuit boxes	✓	✓	✓	✓	✓
TAE boxes 3 x 6 NFN	✓	✓	✓	✓	✓
Incandescent lamp rotary dimmers 50 to 600 W	✓	✓	✓	✓	✓
Motion detectors (with triac insert)	✓	✓	✓	✓	✓
Shutter/blind control (conventional)	✓	✓	✓	✓	✓
GAMMA *instabus* pushbuttons, single[1)]	✓	✓	✓	✓	✓
GAMMA *instabus* pushbuttons, double[1)]	✓	✓	✓	✓	✓

✓ = available
-- = not available
Prices on request.

[1)] Combined with DELTA bus coupling unit, pushbutton position.

Switch ranges with i-system components

© Siemens AG 2011

	DELTA miro					
	Artist	Glass	Aluminum	Wood		Color
	 Tom's Drag design/ amber	 Crystal green/ aluminum metallic	 Natural/ aluminum metallic Additional colors: titani-um, graphite, yellow oxide	 Maple/ titanium white	 Wenge/ aluminum metallic	 Titanium white
Universal off/ two-way switches	✓	✓	✓	✓	✓	✓
Two-circuit switches	✓	✓	✓	✓	✓	✓
Off/two-way switches and SCHUKO® socket outlets	✓[2)]	✓	✓	✓	✓	✓
SCHUKO® socket outlets	--	✓	✓	✓	✓	✓
SCHUKO® socket outlets with increased touch protection	✓	✓	✓	✓	✓	✓
SCHUKO® double socket outlets	✓[2)]	✓	✓	✓	✓	✓
Aerial branch-circuit boxes	--	✓	✓	✓	✓	✓
TAE boxes 3 x 6 NFN	--	✓	✓	✓	✓	✓
Incandescent lamp rotary dimmers 50 to 600 W	--	✓	✓	✓	✓	✓
Motion detectors (with triac insert)	--	✓	✓	✓	✓	✓
Shutter/blind control (conventional)	--	✓	✓	✓	✓	✓
GAMMA *instabus* pushbuttons, single[1)]	--	✓	✓	✓	✓	✓
GAMMA *instabus* pushbuttons, double[1)]	--	✓	✓	✓	✓	✓

✓ = available
-- = not available
Prices on request.

Switch ranges with i-system components

1) Combined with DELTA bus coupling unit, pushbutton position.

2) Socket outlet with increased touch protection.

© Siemens AG 2011

	DELTA profil		DELTA style		
	 Titanium white	 Silver Additional colors: anthracite[2], champagne[2]	 Titanium white	 Platinum metallic	 Basalt black
Universal off/ two-way switches	✓	✓	✓	✓	✓
Two-circuit switches	✓	✓	✓	✓	✓
Off/two-way switches and SCHUKO® socket outlets	✓	✓	✓	✓	✓
SCHUKO® socket outlets	✓	✓	✓	✓	✓
SCHUKO® socket outlets with increased touch protection	✓	✓	✓	✓	✓
SCHUKO® double socket outlets	✓	✓	✓	✓	✓
Aerial branch-circuit boxes	✓	✓	✓	✓	✓
TAE boxes 3 x 6 NFN	✓	✓	✓	✓	✓
Incandescent lamp rotary dimmers 50 to 600 W	✓	✓	✓	✓	✓
Motion detectors (with triac insert)	✓	✓	✓	✓	✓
Shutter/blind control (conventional)	✓	✓	✓	✓	✓
GAMMA *instabus* pushbuttons, single[1]	✓	✓	✓	✓	✓
GAMMA *instabus* pushbuttons, double[1]	✓	✓	✓	✓	✓

✓ = available
-- = not available
Prices on request.

1) Combined with DELTA bus coupling unit, pushbutton position.

2) Discontinued model

© Siemens AG 2011

	DELTA natur		DELTA fläche IP44
	 Light oak Additional color: dark oak	 Cherry[2)] Additional colors: maple red, maple, beech[2)]	
Universal off/ two-way switches	✓	✓	✓
Two-circuit switches	✓	✓	✓
Off/two-way switches and SCHUKO® socket outlets	✓	✓	✓
SCHUKO® socket outlets	✓	✓	✓
SCHUKO® socket outlets with increased touch protection	✓	✓	--
SCHUKO® double socket outlets	✓	✓	✓
Aerial branch-circuit boxes	✓	✓	--
TAE boxes 3 x 6 NFN	✓	✓	--
Incandescent lamp rotary dimmers 50 to 600 W	✓	✓	--
Motion detectors (with triac insert)	--	--	--
Shutter/blind control (conventional)	✓	✓	--
GAMMA *instabus* pushbuttons, single[1)]	✓	✓	--
GAMMA *instabus* pushbuttons, double[1)]	✓	✓	--

✓ = available
-- = not available
Prices on request.

1) Combined with DELTA bus coupling unit, pushbutton position.

2) Color achieved through staining.

© Siemens AG 2011

DELTA product ranges

i-system components

DELTA line

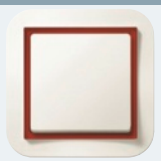

Titanium white


Electrical white


Aluminum metallic


Carbon metallic

DELTA vita Products to be discontinued

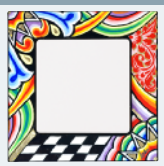

Titanium white/red


Aluminum metallic/ green


Carbon metallic/chrome


Gold/titanium white

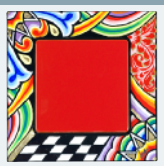
DELTA miro Artist, Tom's Drag design


Titanium white


Carbon metallic


Amber


Piano black


Chilly

DELTA miro glass


Crystal green/ aluminum metallic


White/titanium white


Black/aluminum metallic

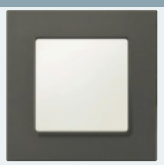

Orient/carbon metallic

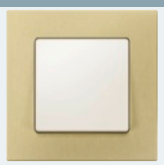

Arena/electrical white

DELTA miro aluminum


Natural/aluminum metallic

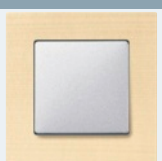

Titanium/carbon metallic

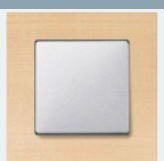

Graphite/titanium white

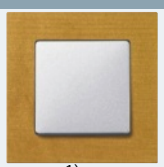

Yellow oxide/electrical white

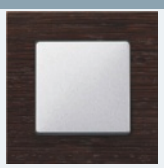
DELTA miro wood


Maple red/ aluminum metallic

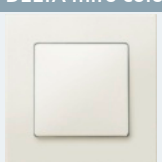

Maple/ aluminum metallic


Beech[1)]/ aluminum metallic

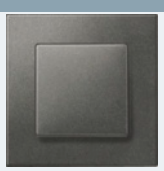

Cherry[1)]/ aluminum metallic


Wenge/ aluminum metallic

DELTA miro color


Titanium white


Aluminum metallic


Carbon metallic

© Siemens AG 2011

DELTA profil


Titanium white


Silver


Anthracite
Discontinued model


Champagne
Discontinued model

DELTA style


Titanium white


Platinum metallic


Basalt black

DELTA natur


Light oak


Dark oak


Maple red


Maple


Beech[1)]


Cherry[1)]

m-system


Titanium white


Aluminum metallic


Carbon metallic


Platinum metallic

Surface-mounting product ranges


DELTA area 20


DELTA fläche IP44


DELTA fläche IP68

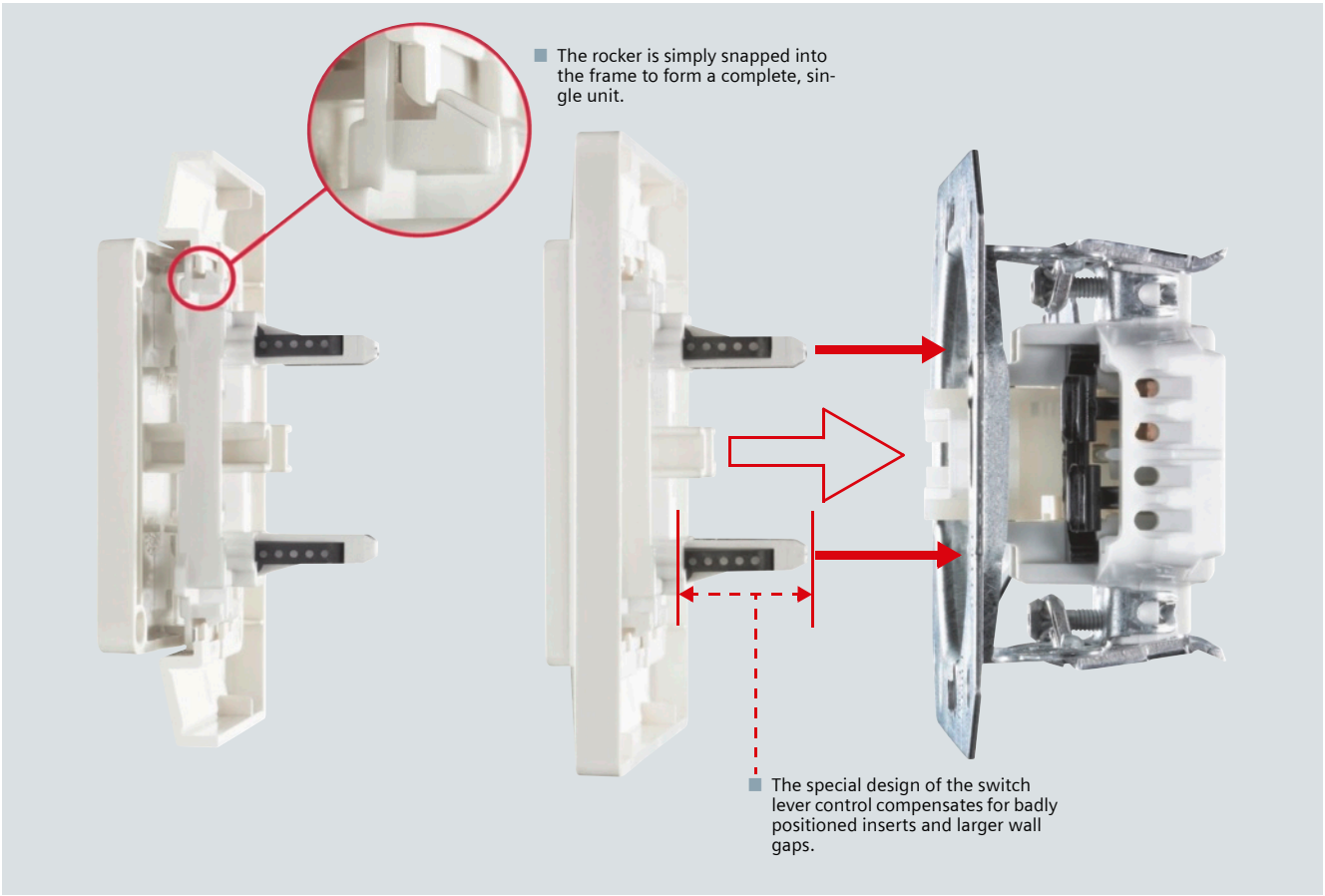
[1)] Color achieved through staining.

© Siemens AG 2011

Simple and safe to install – even under difficult conditions

Wherever inserts need to be mounted, you are in demand. And you are more than familiar with the usual problems: insufficient depth of the flush-mounting enclosure means that switch inserts may be plastered or wall-papered over – which can lead to malfunctions. Or the wall-mounting of the switch inserts is crooked. The result: rockers that grate – particularly in the case of multiple combinations. But now there's an end to all that: with our unique, well-designed and proven insert and rocker plug-in system. High switching reliability and fast installation and removal is ensured – even if the insert is crooked and even under difficult installation conditions – thanks to the generous 3-mm flexibility of the flush-mounting. No need for subsequent adjustments on-site at the customer's. All of which saves you a lot of time, money and hassle.

Unique, well-designed, proven plug-in system



© Siemens AG 2011



■ Uniform shut lines – even if the inserts are not evenly fitted or in the case of uneven wall gaps.

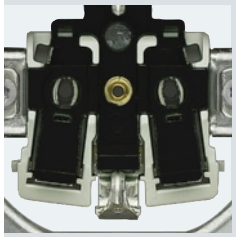
■ The play of the switch lever is sufficient to allow the plugged rocker with frame to fit snugly on the wall surface.

■ The 3 mm flexible flush mounting ensures reliable functionality, even in the case of extremely unfavorable wall conditions

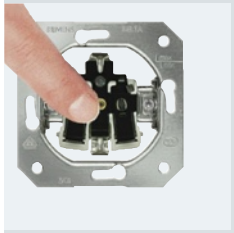
© Siemens AG 2011

Compact inserts

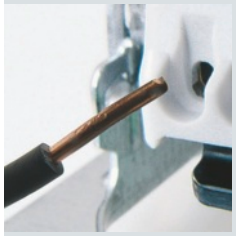
What do you expect of an insert? It goes without saying that you want inserts that are easy to mount. Our inserts are mounted securely on the wall in no time at all. They offer maximum convenience: the design of the insert base is ultra compact, which provides more space for connections.



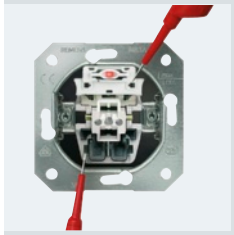
- As anyone who mounts inserts knows: it's often difficult to free cables from their terminals. But not with Siemens: our accessible and ergonomically designed release lever makes it easy to release cables safely without risk of injury.



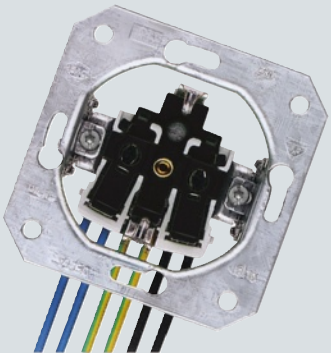
- All live parts are covered with insulating material for all-round touch protection – offering maximum protection, even if the upper design part is removed, e.g. when decorating.



- Connecting conductors is quick and easy – just plug the solid conductors with a 1.5 mm^2 or 2.5 mm^2 cross-section into the funnel-shaped cable entries of the connecting terminals. Thanks to the uniform length of the insulation to be stripped on both switches and socket outlets there are no more tedious length adjustments required on the stripping tool.

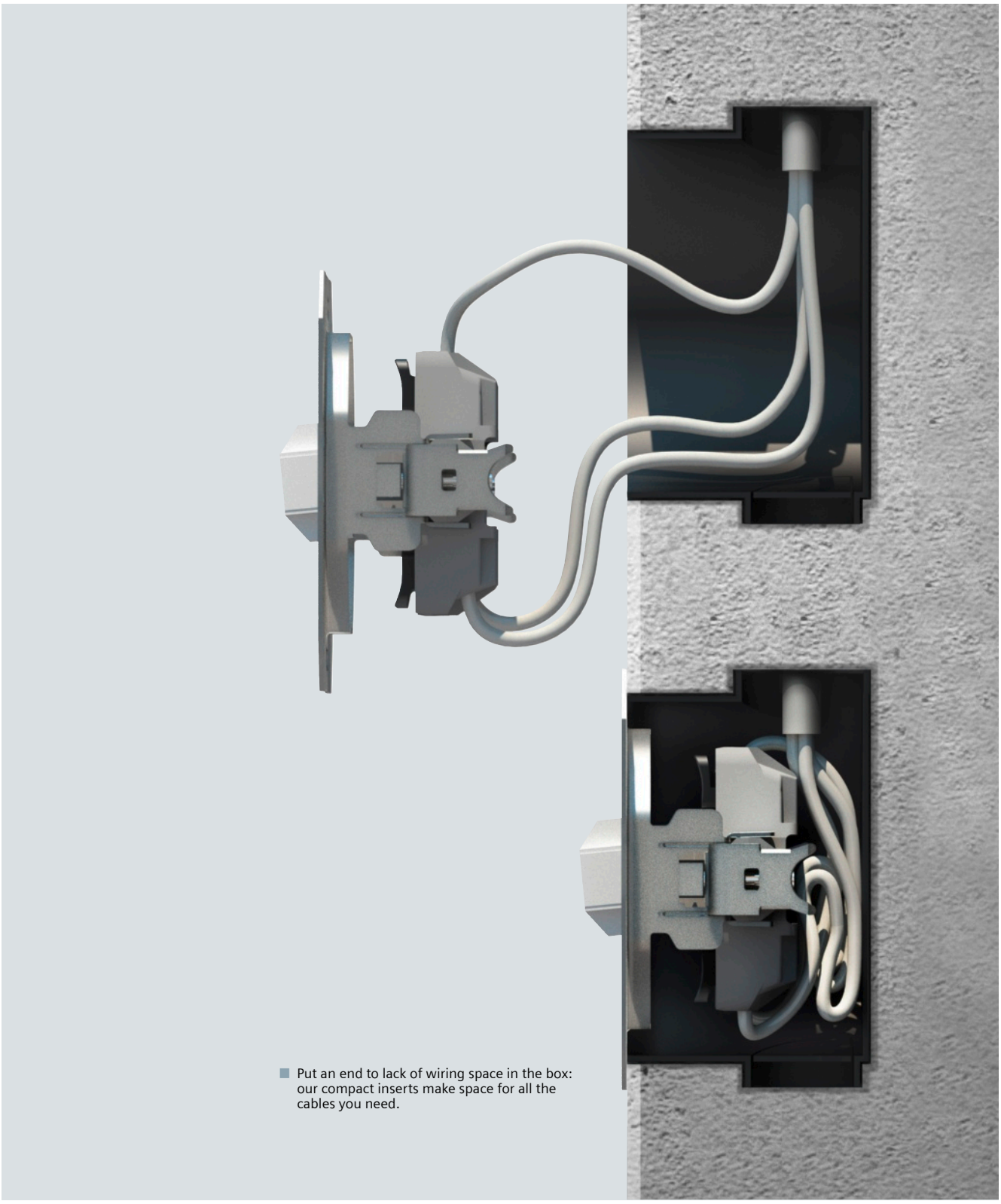


- The cables are easily accessible for Duspol measurements, even when the glow lamps are plugged in.



- The double terminals are clearly arranged on one side, which makes connection quick and easy.

© Siemens AG 2011

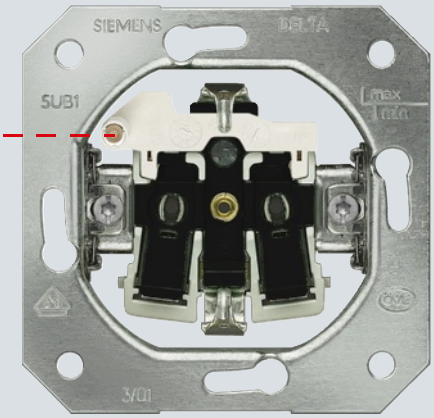


Put an end to lack of wiring space in the box: our compact inserts make space for all the cables you need.

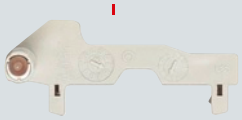
© Siemens AG 2011

Retrofitting and replacement made easy

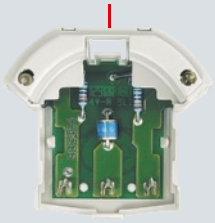
Regardless of whether you want to retrofit specific functions or replace components – it couldn't be easier with our modular design and plug-in technology.



- Our socket outlets have a convenient modular design. This means: by mounting auxiliary modules, our inserts also support the implementation of overvoltage protection and status display. It is possible to retrofit socket outlets that are already installed at any time.



Spare glow lamp for SCHUKO® socket outlet

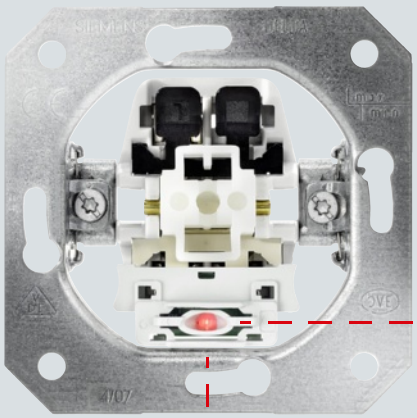


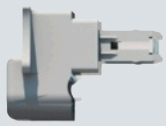
Overvoltage protection modules



Mounted overvoltage protection module

© Siemens AG 2011







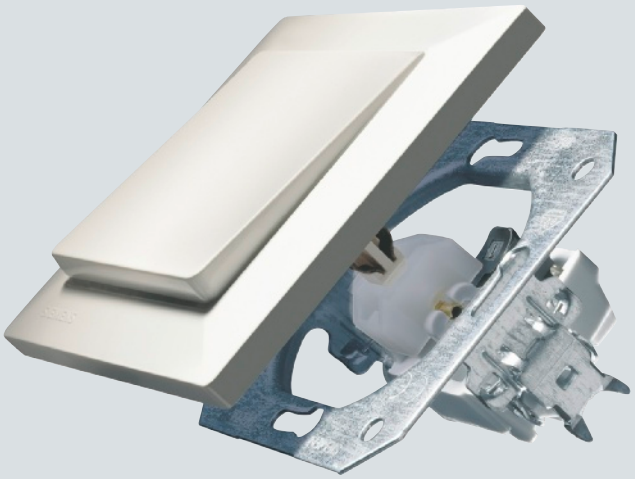
- Lighting elements can also be replaced without removing the insert. For example, the LEDs are simply plugged in from the front and and can be replaced even during operation.

- A standard 40 mm device box suffices for SCHUKO® socket outlets with overvoltage protection. And because the double terminal is still free after the module is mounted, no additional terminals are required for the through-wiring.

© Siemens AG 2011

The perfect solution for a flat design

The design of switches and socket outlets needs to meet individual requirements. After all, they're usually on open view and are not likely to be replaced in a hurry. But design is about more than just appearance. Above all, it must be functional.



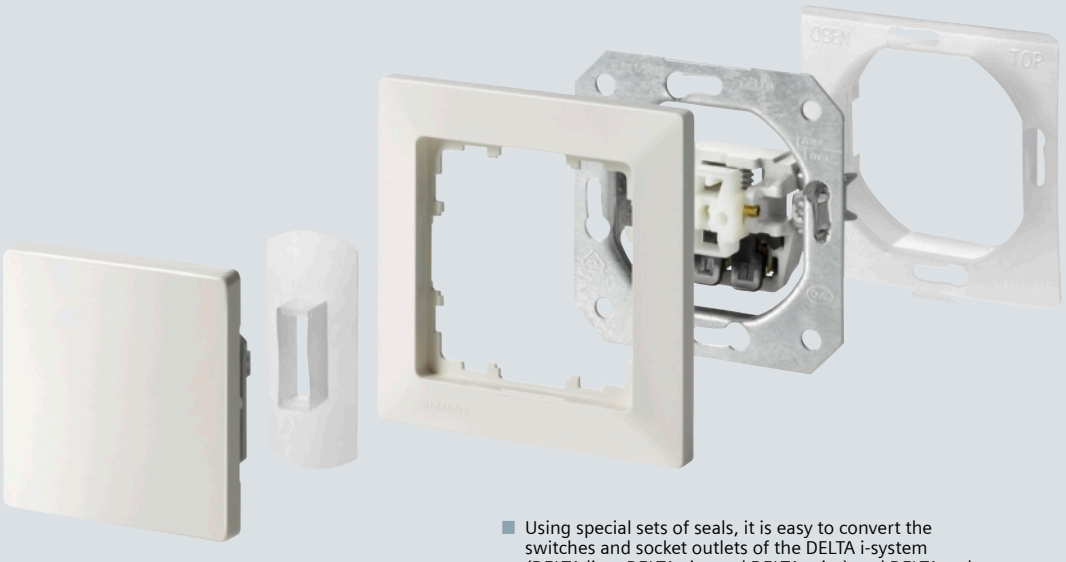
- Compared to the conventionally designed switches and socket outlets of other manufacturers, Siemens offers the flattest switches to date when using standardized flush-mounting boxes.

- The material is the key:
  For fast assembly of the components, you need to be able to rely on the high quality of the material. Thermosetting plastic parts are inclined to break when dropped or secured too tightly. Furthermore, thermosetting plastic surfaces have an uneven appearance and look cheap – which is why all our plastic design parts are made of thermoplastic. They are also far less likely to break when subject to minor deformations. The shiny thermoplastic surfaces are also easy to clean and offer outstanding protection against yellowing and soiling.

© Siemens AG 2011

Degree of protection IP44

With the DELTA i-system (DELTA line, DELTA vita, DELTA miro) and the DELTA style switch range – you can even achieve degree of protection IP44 without changing the frame trim. Whether for the bathroom, outdoors or the cellar – a single set of seals covers all applications. Furthermore, with our new surface-mounting enclosures, DELTA line can also be surface-mounted as a single, double or triple version. In combination with IP44 – that is completely unique!



■ Using special sets of seals, it is easy to convert the switches and socket outlets of the DELTA i-system (DELTA line, DELTA vita and DELTA miro) and DELTA style to degree of protection IP44.

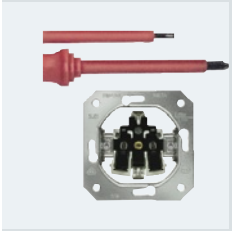


■ DELTA style surface-mounting enclosure. Also available in DELTA line. In unique combination with IP44.

© Siemens AG 2011

Perfect down to the very last detail

Whichever way you look at it: our inserts are perfect down to the very last detail.



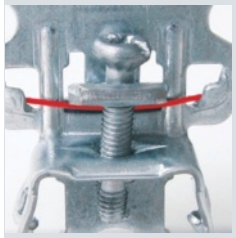
- Our new combination screws for Torx and slotted screwdrivers ensure that there is no slipping of the screwdriver blade. The screw is screwed with metric thread into the metal. Minimum torques enable the secure fastening of the insert even when mounted manually using a screwdriver. It is virtually impossible to strip the thread.



- Stripping lengths with tolerance specifications are clearly labeled on the mounting bracket and the bottom of the base. This helps prevent faults caused if the strip length of the wire is too short. Thanks to the uniform stripping length of 10 mm for all switch models, including SCHUKO® socket outlets, there are no more tedious length adjustments required on the stripping tool.

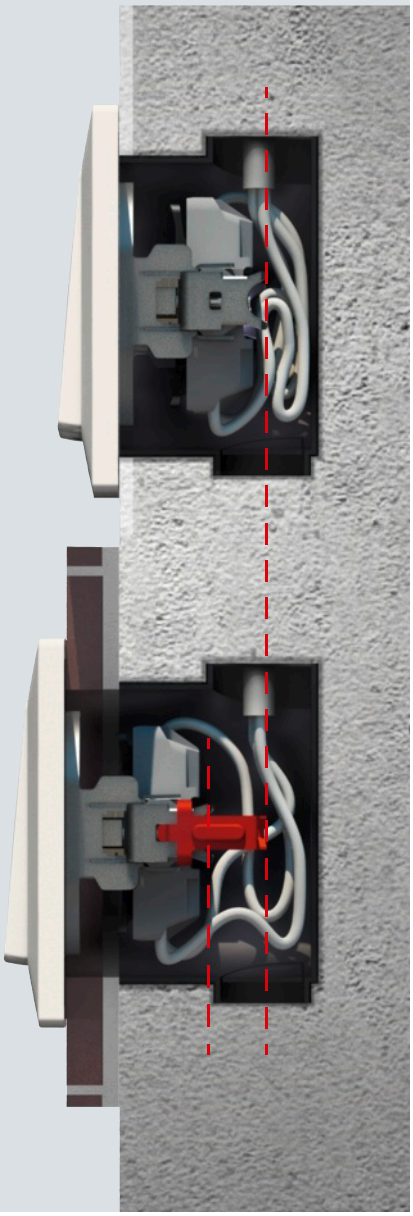


- You can instantly see how the insert is connected: the circuit diagram and item number on the back of the base with topographical wiring diagram preclude mounting errors due to incorrect connection.



- A rod spring ensures that the retracting claws are resistant to ageing and reversible – even when repeatedly dismantled and remounted.

- If using deeper device boxes, you can also retrofit our extension claws. These enable secure fastening even in the event of structural changes – for example if the area is subsequently tiled. What's more: the extension claws are mounted as is – no need to remove the normal claws first.



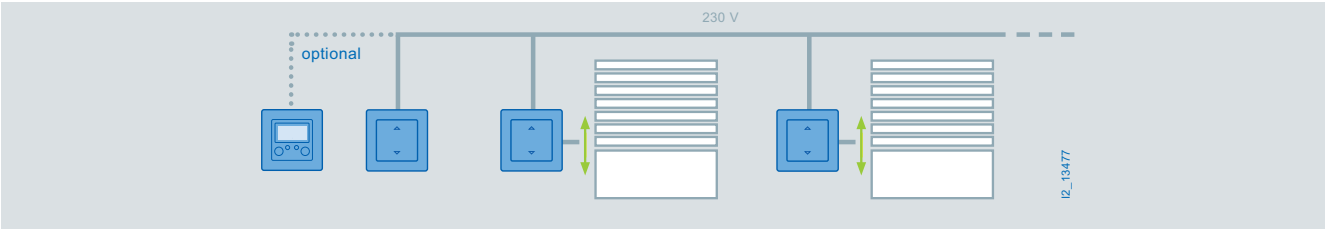
© Siemens AG 2011

DELTA shutter/blind controls

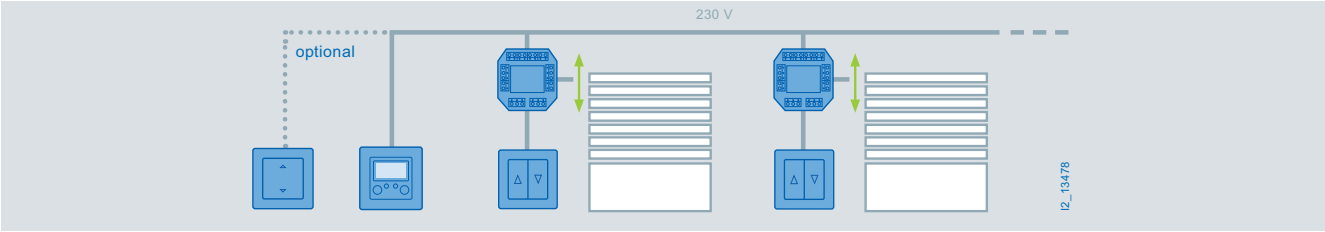
Our shutter/blind control shows how easy it is to enhance home convenience and safety. We have now developed new applications that address the demand for greater living comfort – whether for new buildings, or when retrofitting or renovating existing buildings.

What's more: with the new functions, you will always have suitable solutions for your customers in the desired DELTA design – whether for local or centralized control or brightness or time-dependent control with sun sensor or time switch.

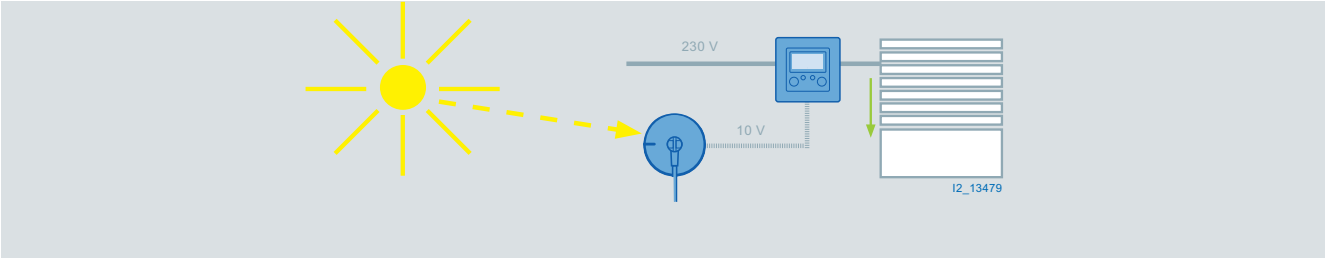
Group and central control of shutters/blinds



Solution with sys pushbutton (switch/pushbutton)



Solution with shutter/blind relay and conventional pushbutton



Shutter/blind control with sun sensor (accessories for Comfort shutter/blind control)



Shutter/blind control
sys shutter/blind pushbutton



Comfort
shutter/blind control



Shutter/blind control
flush-mounting isolating relay, compact

© Siemens AG 2011

DELTA dimmers

Dimmers create atmosphere. Whether subdued lighting for a stylish evening meal or a work light switched to suit ambient conditions: it is the ability to adapt lighting quickly and easily that make dimmers such an attractive option. The new DELTA product range covers devices that control all types of conventional lamps. This includes incandescent lamps, high-voltage halogen lamps, fluorescent lamps and low-voltage halogen lamps with magnetic or electronic transformers.

Rotary dimmers

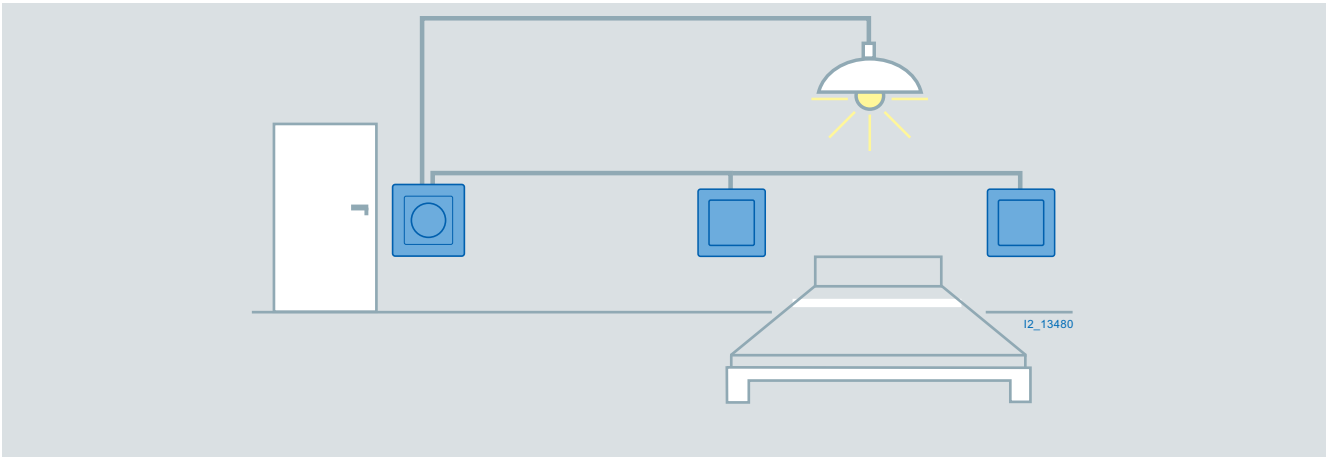
Simply turn the dimmer to set the required brightness – pressing it turns the light on or off. Rotary dimmers can also be mounted in cross and two-way switches.

Universal dimmers

The universal dimmers can be used for many kinds of lamp loads: incandescent lamps, high-voltage halogen lamps and low-voltage halogen lamps with magnetic or electronic transformer. The touch dimmers are particularly user-friendly. Switching them on and off is as simple as using a normal light switch. They can also be dimmed up or down to the required brightness. The memory function enables a specific dimming value to be stored, which is then automatically switched to when the dimmer is activated. A universal dimmer can also be switched and dimmed from various points using conventional pushbuttons.

Sensor dimmer

With a single sensor dimmer and any number of other pushbuttons it is possible to dim the brightness of the connected lighting. If using sensor dimmers, it is enough to just lightly touch the operator interface. It is also possible to connect conventional pushbuttons for extension unit operation. These act identically to sensor dimmers within the operating system.



This is possible thanks to networking: a sensor dimmer can be controlled from a number of conventional pushbuttons (Graphics in the switch design of DELTA line, titanium white)


Rotary dimmer


Universal dimmer


Sensor dimmer

© Siemens AG 2011

DELTA motion detector tops

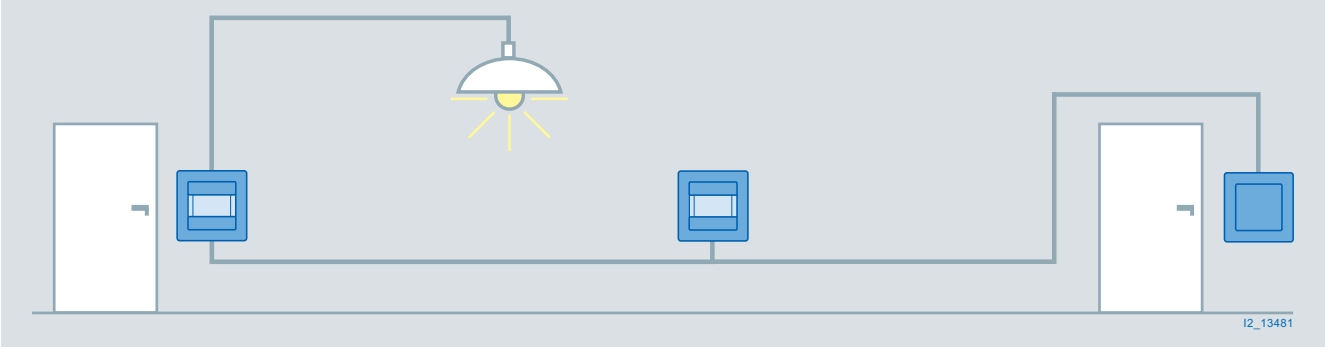
Light, whenever it's needed – particularly if entering a dark passage area. The use of motion detectors is particularly useful for the automatic switching of lights in corridors, garages, cellars or toilets.

Comfort is standard – for both versions

Those who opt for the standard version, are offered a permanently set delay time of 2 minutes, as well as an option for setting the brightness value and sensitivity.

The Comfort version also offers additional functions

- Adjustable delay time from 10 seconds to 30 minutes
- Option for controlling a bell in the door and entrance area
- "Teach function": by selectively covering by hand, it is possible to store the current brightness value as a switching value
- The operator can select between the operating modes "Continuous ON", "Continuous OFF" or "Automatic" at any time



If the large sensing range of a motion detector proves to be insufficient, you can expand it using extension units.
(Graphics in the switch design of DELTA line, titanium white)



Motion detector top



Comfort motion detector top

© Siemens AG 2011

DELTA reflex motion detectors, IP55

Unpack, connect, done – no further work required



A key feature of the new DELTA reflex motion detector IP55 is the precision with which its values can be preset, compared to standard motion detectors, which are set over potentiometers. So there is no need to go back and adjust the devices. Convenient mounting: quick and easy wiring in the terminal box – and then simply plug in the motion detector. Commissioning of the motion detector is automatic.

The DELTA reflex motion detector IP55 is available for two different sensing ranges: 120° and 290°. The 290° version is also available with remote control.

A key feature of the new DELTA reflex motion detector IP55 is its particularly attractive design.

Benefits

- Instant commissioning
- Preset standard mode with two minutes delay time and 7 lux brightness value
- Precise adjustment of values for twilight and delay time, so no need to keep going back to the site to readjust the device
- Convenient mounting – the motion detector simply plugs into the terminal box
- Automatic test mode after initial application of voltage
- Change preset brightness values and delay times with a simple touch of the button
- Flexible use: suitable for wall, ceiling or corner installation
- Excellent price-performance ratio
- Attractive design
- Available in the colors titanium white and anthracite
- Additional functions over remote control with the 290° IR version



© Siemens AG 2011

DELTA room temperature controllers

A room temperature controller brings greater comfort and warmth into your home – naturally in a design to match your DELTA range.

Room temperature controller, NC/CO contact

- For electric and warm water convectors, pumps and tank control
- For heating and cooling control

Room temperature controllers, 3-position switch

- For electric and warm water convectors, pumps and tank control
- Automatic timing through external time signal, constant comfort temperature or nighttime reductions through override of the time signal

Room temperature controllers, direct floor heating

- For controlling floor storage heating and electric floor heating with heat mats
- The basic controller type comprises two parts: control device (for setting the required floor temperature) and remote sensor (in the floor for monitoring the set temperature)



Room temperature controller, NC/CO contact



Room temperature controller, 3-position switch



Room temperature controller, direct floor heating

© Siemens AG 2011

GAMMA *instabus* – available in all DELTA product ranges

Increased safety and comfort with maximum efficiency – this is facilitated with the GAMMA *instabus* building management systems on the basis of the global KNX standard – and it can be implemented with all DELTA programs.

KNX

The world-wide standard for home and building control

I201_18199

DELTA line



Titanium white



Electrical white

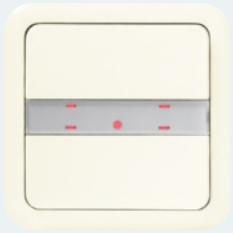


Aluminum metallic



Carbon metallic

DELTA profil



Titanium white

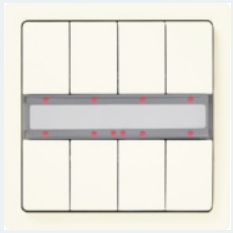


Silver



Anthracite

DELTA style



Titanium white



Platinum metallic



Basalt black

© Siemens AG 2011

DELTA miro Artist, Tom's Drag design NEW


Titanium white


Aluminum metallic


Carbon metallic

DELTA miro glass


Crystal green/aluminum metallic


White/titanium white


Black/aluminum metallic


Orient/carbon metallic



Arena/titanium white

DELTA miro aluminum


Natural/aluminum metallic


Titanium/carbon metallic


Graphite/titanium white


Yellow oxide/titanium white

DELTA miro real wood


Maple red/aluminum metallic


Maple/aluminum metallic


Beech/aluminum metallic


Cherry / aluminum metallic



Wenge/aluminum metallic

DELTA miro color


Titanium white


Aluminum metallic


Carbon metallic


Electrical white

© Siemens AG 2011

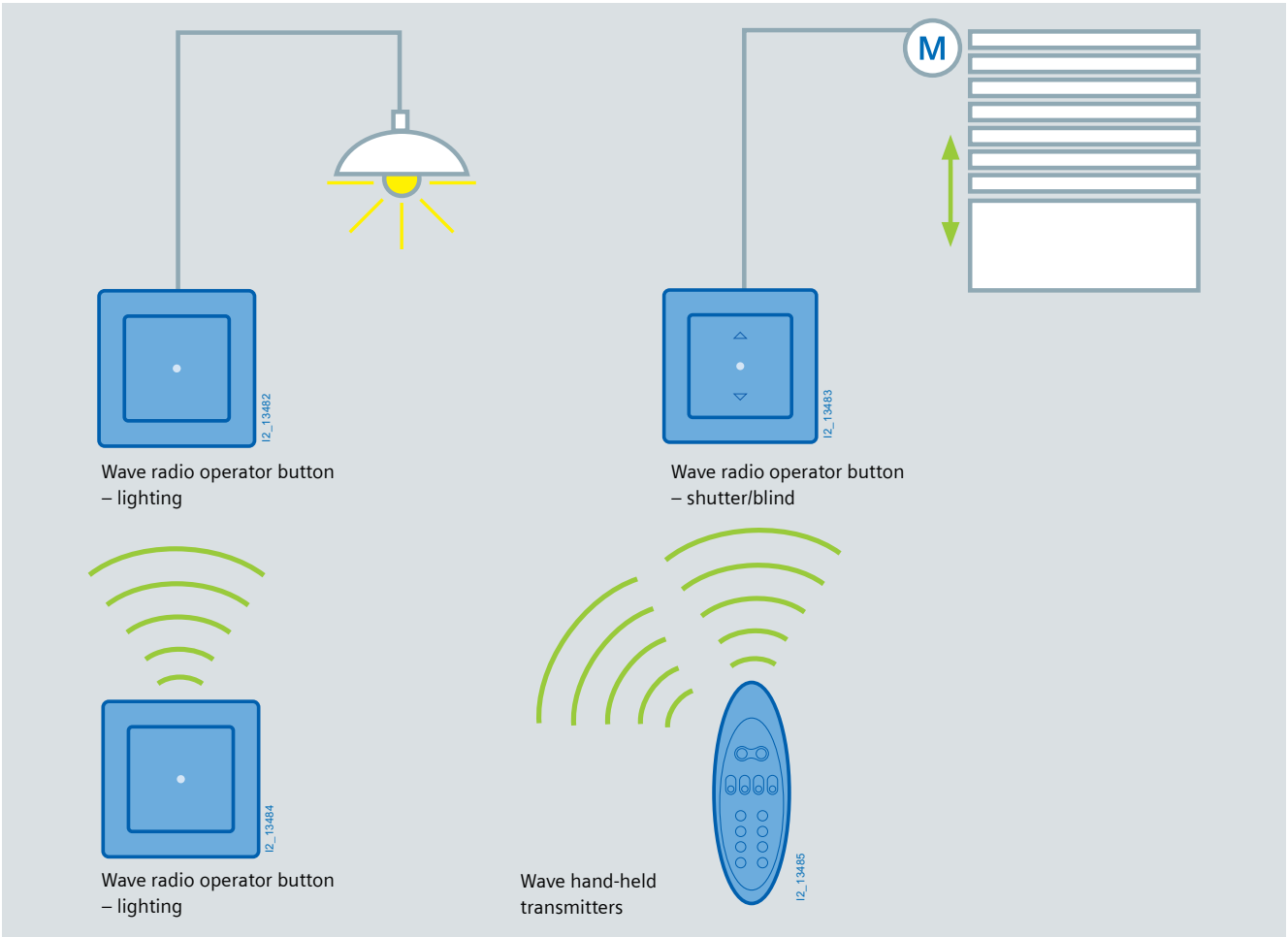
GAMMA wave – the multifunctional radio system™

Enjoy all the advantages of a modern building management system without the need for additional cable installation – the GAMMA wave radio system makes it possible. No extra wiring required for sensors and actuators. This makes radio transmission ideal for all kinds of retrofitting. And all complete with absolutely safe and problem-free transmission. How you benefit: GAMMA wave is a unique bi-directional radio system – this means that the products and components can be both transmitter and receiver.

Your advantages at a glance:

- Simple installation:
  refurbish, renovate and modernize – cost-effectively and hassle-free
- Universally applicable:
  suitable radio solution in DELTA design
- Future-proof solution:
  safe investment thanks to flexible options for expansion

For further details on GAMMA *instabus* and GAMMA wave can be found on the Internet at
www.siemens.com/gamma



Wave radio operator button – lighting

Wave radio operator button – shutter/blind

Wave radio operator button – lighting

Wave hand-held transmitters

© Siemens AG 2011

DELTA reflex smoke detectors

Siemens provides smoke detectors with long battery life. The DELTA reflex smoke detector "Batterie" supports the networking of up to 40 smoke detectors. Optionally available as radio module, where an an alarm is relayed to a central display over KNX/EIB. Other options: the DELTA reflex smoke detector "Batterie" with relay module. This enables the control of further alarm sensors, such as horns or flashing lights – for the highest degree of safety.

DELTA reflex smoke detectors "Batterie"

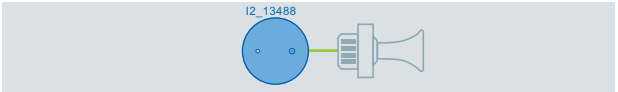


DELTA reflex smoke detector "Batterie", titanium white

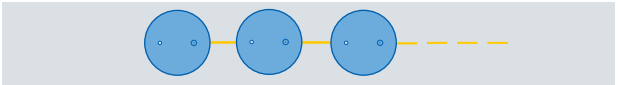
- Cost-effective operation with a typical battery life of 5 years and the use of low-cost standard Mignon batteries
- VdS-certified quality smoke detectors according to the latest EN 14604 standard
- Attractive design
- Range of expansion options with:
  - Relay module for the control of external alarm sensors, such as horns and flashing lights, and connection of the GAMMA *instabus*
  - Radio module for the routing of alarm indications to a central display (wave Touch Manager)
- Battery change display for 30 days
- Available in titanium white
- In combination with the radio module, alarms can be routed to GAMMA wave or over the UP140 wave coupler / *instabus* to the hard-wired GAMMA *instabus*



- Used in combination with the relay module, supports control of additional alarm sensors, such as horns or flashing lights



- Can be networked with up to 40 further smoke detectors



DELTA reflex SD230N smoke detectors



DELTA reflex SD230N smoke detector, titanium white

- Can be networked with up to 38 further smoke detectors
- VdS-certified quality smoke detectors according to the latest EN 14604 standard
- Modern design
- Extremely UV-resistant material
- Easy and quick mounting
- 30 day battery change display
- Battery compartment check
- 230 V powered, incl. 9 V backup battery

DELTA reflex SD9/SD9L smoke detectors



DELTA reflex SD9/SD9L smoke detector, titanium white

- VdS-certified quality smoke detectors according to the latest EN 14604 standard
- Modern design
- Extremely UV-resistant material
- Easy and quick mounting
- 30 day battery change display
- Test button for function testing
- Battery included in delivery:
  - SD9: 9-V alkaline battery
  - SD9L: 9-V lithium battery
- Service life of battery
  - SD9: approx. 2.5 years
  - SD9L: approx. 10 years

© Siemens AG 2011

Mounting and dismantling of rockers and frames



Rockers and frames are simply snapped together to form a unit. Then just plug the rocker/frame combination into the insert – done.

Simply repeat this process for multiple frames.





The rockers are always removed from the insert over the frame, i.e. lifting the frame, either manually or using a screwdriver, automatically lifts the rocker from its bracket.

© Siemens AG 2011

Software at your service

Labeling software for complete electrical installations

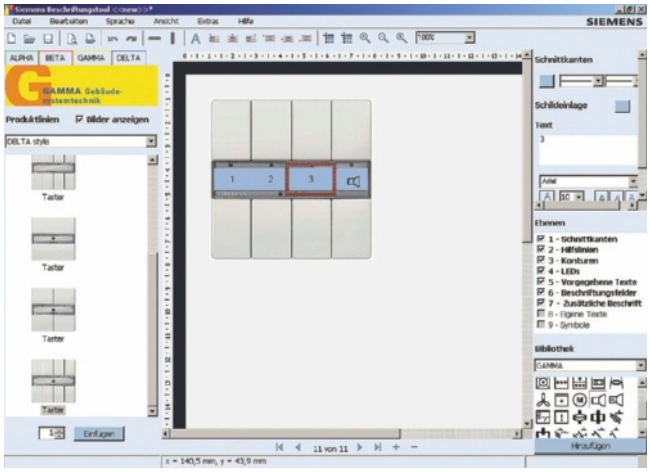
The Siemens labeling software means it has never been easier to label your switches and socket outlets, distribution boards and low-voltage controls.

Each product is labeled using a standard printer on pre-punched adhesive film or simply on DIN A4 paper. Generally speaking, any device used for electrical installation can be labeled using this labeling system. This allows you to create a neat and tidy distribution board and clearly labeled switches and socket outlets - long after installation.

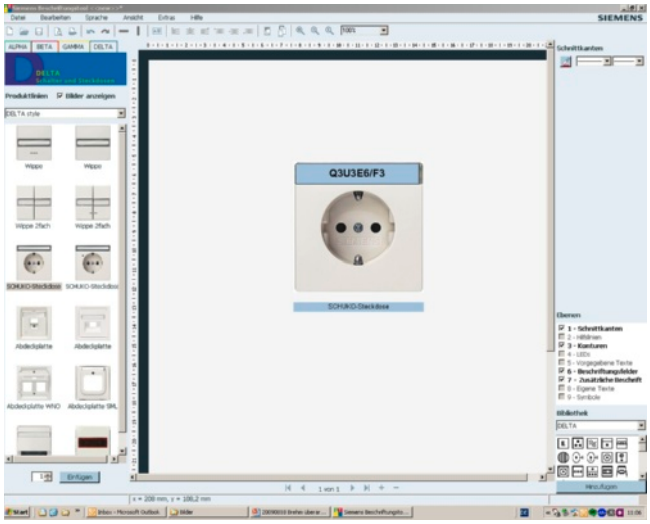
The benefits:

- Your work is made easier and your installation has a uniform appearance, thanks to a single and consistent labeling system
- Adhesive labels are durable, simple to apply and can be used for all devices.

The program is simple to use and available free of charge on the Internet at:
www.siemens.com/labeling-tool



Labeling tool, example GAMMA



Labeling tool, example DELTA

© Siemens AG 2011

Much more than a catalog. The Industry Mall.

You have a catalog in your hands that will serve you well for selecting and ordering your products. But have you heard of the electronic online catalog (the Industry Mall) and all its benefits? Take a look around it sometime:

www.siemens.com/industrymall



Selecting

Find your products in the structure tree, in the new "Bread-crumb" navigation or with the integral search machine with expert functions. Electronic configurators are also integrated into the Mall. Enter the various characteristic values and the appropriate product will be displayed with the relevant order numbers. You can save configurations, load them and reset them to their initial status.

Ordering

You can load the products that you have selected in this way into the shopping basket at a click of the mouse. You can create your own templates and you will be informed about the availability of the products in your shopping cart. You can load the completed parts lists directly into Excel or Word.

Delivery status

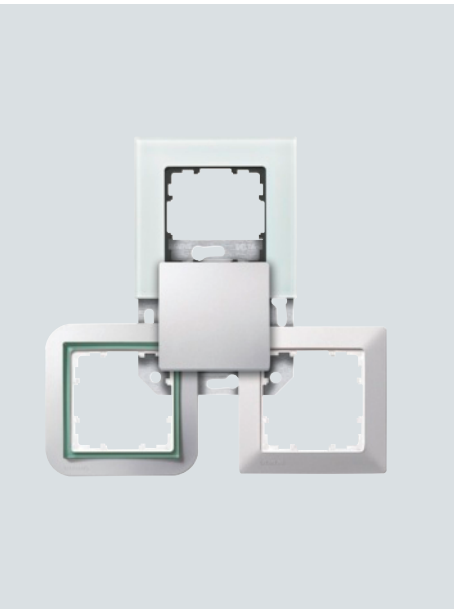
When you have sent the order, you will receive a short e-mail confirmation which you can print out or save. With a click on "Carrier", you will be directly connected to the website of the carrier where you can easily track the delivery status.

Added value due to additional information

So you have found your product and want more information about it? In just a few clicks of the mouse, you will arrive at the image data base, manuals and operating instructions. Create your own user documentation with My Documentation Manager.
Also available are FAQs, software downloads, certificates and technical data sheets as well as our training programs. In the image database you will find, depending on the product, 2D/3D graphics, dimension drawings and exploded drawings, characteristic curves or circuit diagrams which you can download.

Convinced? We look forward to your visit!

© Siemens AG 2011



1/2	**Introduction**
1/6	**Switches and pushbuttons**
1/12	**Socket outlets**
1/20	**International plug-and-socket devices**
1/21	**Shutter/blind controls**
1/26	**Lighting controls**
1/29	**Motion detectors**
1/31	**Room temperature controllers**
1/32	**GAMMA *instabus***
1/36	**Communication**
1/38	**TV/RF/SAT**
1/39	**Equipotential bonding**
1/39	**Module carriers for DELTA line, DELTA vita and DELTA miro**
1/40	**School program**
1/41	**Add-on devices**
1/43	**Accessories and spare parts**

© Siemens AG 2011

Introduction

Overview

Colors and designs of the i-system

Frames in DELTA line design



Titanium white



Electrical white



Aluminum metallic



Carbon metallic

Frames and color elements in DELTA vita design



Titanium white/red/titanium white



Aluminum metallic/green/ aluminum metallic



Carbon metallic/chrome/ carbon metallic

Products to be discontinued



Gold/gold/titanium white



Color elements
Platinum/chrome/gold/dark red/dark blue/green/red/blue/orange/yellow/titanium white

© Siemens AG 2011

Frames in DELTA miro design



DELTA miro Artist/
amber NEW



DELTA miro Artist/
piano black NEW



DELTA miro Artist/
chilly NEW

Hand-painted frame



DELTA miro glass/
titanium white



DELTA miro aluminum/
titanium white



DELTA miro wood/
aluminum metallic



DELTA miro color/
titanium white

© Siemens AG 2011

i-system

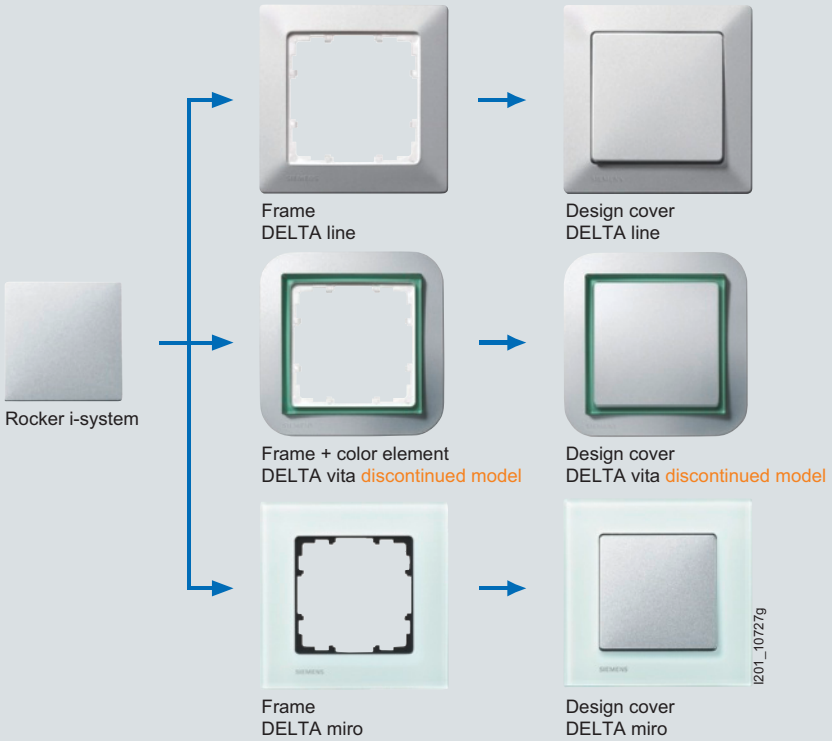
Introduction

Using i-system

All components of the i-system product range can be combined with the

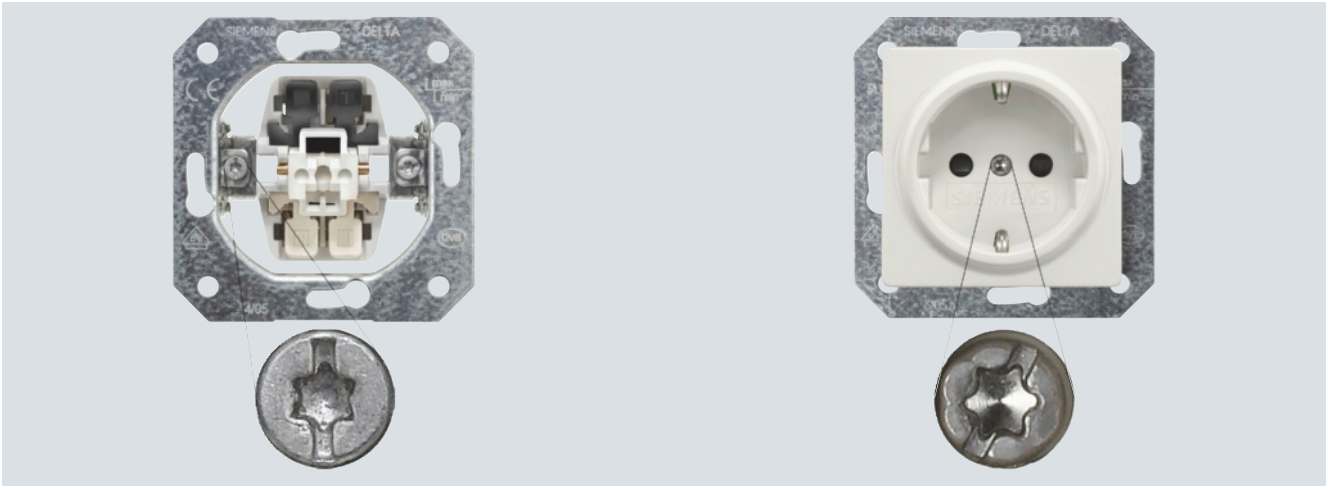
- Frames from the DELTA line product range,
- Frames and color elements of the DELTA vita product range and
- Frames from the DELTA miro product range.

Modular components of the i-system with DELTA line, DELTA vita and DELTA miro

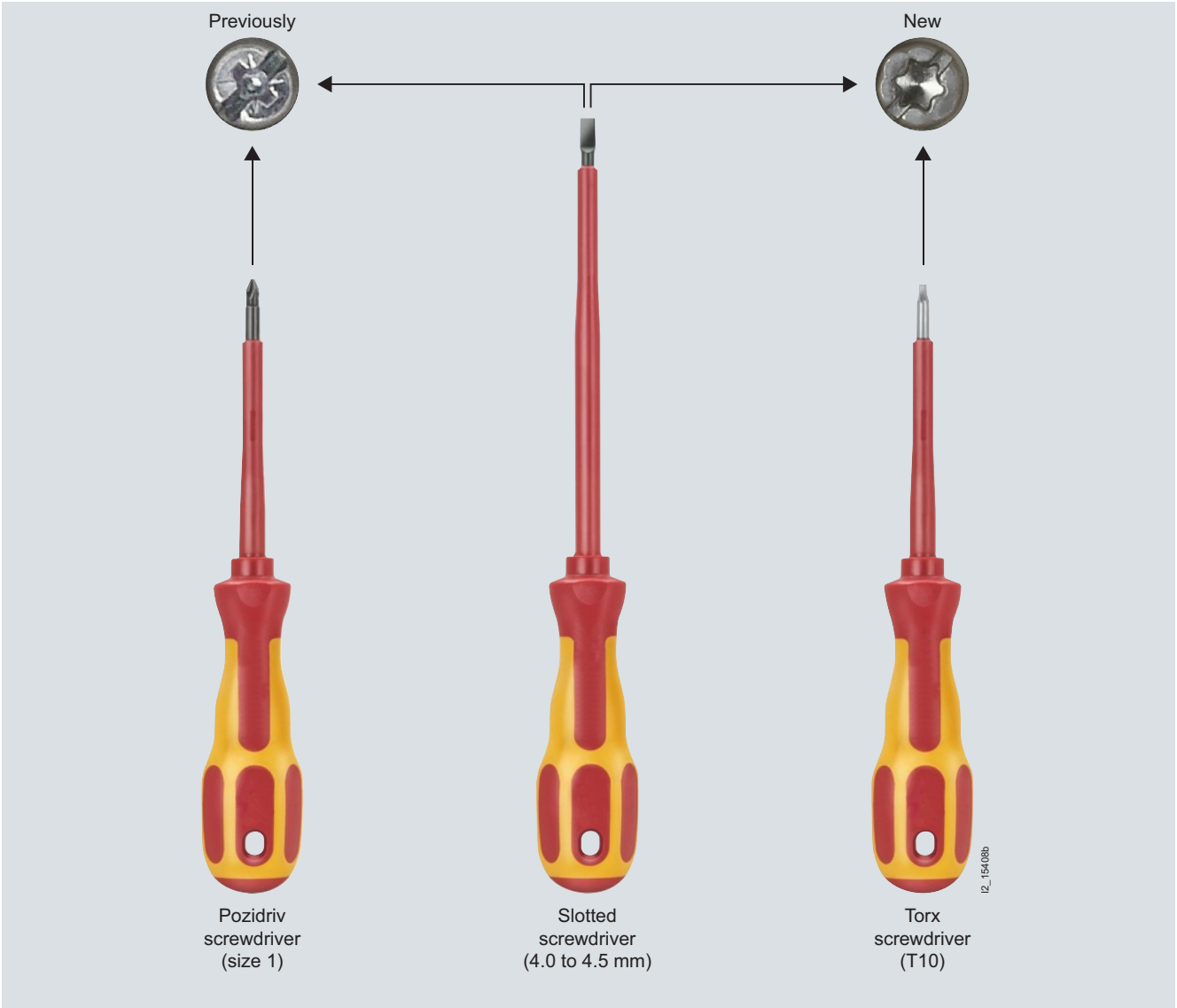


© Siemens AG 2011

Combination screws for Torx T10 and slotted screwdrivers



Since 11/2008, we have been successively equipping all our inserts for switches and pushbuttons, and all SCHUKO® socket outlets from the DELTA product range, with the new combination screws.



Use of different screwdrivers on the previously used and new combination screw.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Size of rockers: 55 mm x 55 mm • Degree of protection: IP20						
Note						
• The color aluminum metallic is identical to silver (DELTA profil) • The color carbon metallic is identical to anthracite (DELTA profil)						
Note / Section / Page						
• For extension claws, see ... *Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts* 10/19						
• All rockers shown here can be combined with the frames of the DELTA line product range, see ... *Design / DELTA line* 2/5						
• All rockers shown here can be combined with the frames and color elements of the DELTA vita product range, see ... *Design / DELTA vita* 2/5						
• All rockers shown here can be combined with the frames of the DELTA miro product range, see ... *Design / DELTA miro* 3/6						
• Degree of protection IP44 for rockers can be achieved with the *IP44 set of seals, for rockers,* see ... *Accessories and spare parts* 1/43	A	**5TG4 324**		1	1/10 sets	021
Rockers, neutral						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG6 201**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5TG6 271**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5TG6 241**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)	A	**5TG6 221**		1	1/10 units	021
• Amber (similar to RAL 1036) NEW	A	**5TG6 221-0**		1	1/10 units	021
• Piano black (similar to RAL 9005) NEW	A	**5TG6 221-1**		1	1 unit	021
• Chilly (similar to RAL 3020) NEW	A	**5TG6 221-2**		1	1 unit	021
Inserts / Section / Page						
• *Universal switches* *Functions / Switching/ Pushbutton Control/ Dimming* 10/3	A	**5TA2 156**		1	1/10 units	021
• *Intermediate switches* *dto.* 10/4	A	**5TA2 117**		1	1/10 units	021
• *ON/OFF switches, 1-pole* *dto.* 10/4	A	**5TA2 151**		1	1/10 units	021
• *Pushbuttons, 1 NO contact* *dto.* 10/9	A	**5TD2 120**		1	1/10 units	021
• *Pushbuttons, 1 CO contact* *dto.* 10/10	A	**5TD2 123**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, center position, single* *Functions / GAMMA Bus Coupling Units* 18/2	A	**5WG1 116-2AB01**		1	1 unit	030
• *DELTA UP 116 bus coupling units, pushbutton position, single* *dto.* 18/2	A	**5WG1 116-2AB21**		1	1 unit	030
Rockers with "Bell" symbol						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG6 207**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5TG6 277**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5TG6 247**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)	A	**5TG6 227**		1	1/10 units	021
Inserts / Section / Page						
• *Pushbuttons, 1 NO contact* *Functions / Switching/ Pushbutton Control/ Dimming* 10/9	A	**5TD2 120**		1	1/10 units	021
• *Pushbuttons, 1 CO contact* *dto.* 10/10	A	**5TD2 123**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, pushbutton position, single* *Functions / GAMMA Bus Coupling Units* 18/2	A	**5WG1 116-2AB21**		1	1 unit	030
Rockers with "Door Opener" symbol						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG6 208**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5TG6 278**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5TG6 248**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)	A	**5TG6 228**		1	1/10 units	021
Inserts / Section / Page						
• *Pushbuttons, 1 NO contact* *Functions / Switching/ Pushbutton Control/ Dimming* 10/9	A	**5TD2 120**		1	1/10 units	021
• *Pushbuttons, 1 CO contact* *dto.* 10/10	A	**5TD2 123**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, pushbutton position, single* *Functions / GAMMA Bus Coupling Units* 18/2	A	**5WG1 116-2AB21**		1	1 unit	030



5TG6 201



5TG6 207



5TG6 208

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG6 202	**Rockers with I/O symbols**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 202**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 272**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG6 242**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG6 222**		1	1/10 units	021
	Inserts	Section	Page						
	• *ON/OFF switches, 2-pole, 10 AX*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/5	A	**5TA2 112**		1	1/10 units	021
	• *ON/OFF switches, 2-pole, 16 AX*	*dto.*	10/5	A	**5TA2 162**		1	1/10 units	021
	• *ON/OFF switches, 3-pole, 16 A*	*dto.*	10/5	A	**5TA2 153**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
 5TG6 200	**Rockers with window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 200**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 270**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG6 240**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG6 220**		1	1/10 units	021
	• Amber (similar to RAL 1036) NEW			A	**5TG6 220-0**		1	1/10 units	021
	• Piano black (similar to RAL 9005) NEW			A	**5TG6 220-1**		1	1/10 units	021
	• Chilly (similar to RAL 3020) NEW			A	**5TG6 220-2**		1	1/10 units	021
	Inserts	Section	Page						
	• *Switches with pilot lamp, for ON/OFF switching*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/6	A	**5TA2 150**		1	1/10 units	021
	• *Switches with pilot lamp, for two-way switching*	*dto.*	10/6	A	**5TA2 108**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact, with separate neutral terminal*	*dto.*	10/9	A	**5TD2 116**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact, with separate neutral terminal*	*dto.*	10/10	A	**5TD2 117**		1	1/10 units	021
	• *Pushbuttons, with seperate check-back indication*	*dto.*	10/10	A	**5TD2 114**		1	1/10 units	021
	• *Universal switches*	*dto.*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG6 206	**Rockers with "Light" symbol and window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 206**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 276**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG6 246**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG6 226**		1	1/10 units	021
	Inserts	Section	Page						
	• *Universal switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Switches with pilot lamp, for ON/OFF switching*	*dto.*	10/6	A	**5TA2 150**		1	1/10 units	021
	• *Switches with pilot lamp, for two-way switching*	*dto.*	10/6	A	**5TA2 108**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact, with separate neutral terminal*	*dto.*	10/9	A	**5TD2 116**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact, with separate neutral terminal*	*dto.*	10/10	A	**5TD2 117**		1	1/10 units	021
	• *Pushbuttons, with seperate check-back indication*	*dto.*	10/10	A	**5TD2 114**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switches and pushbuttons

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG6 218	**Rockers with "Delay" symbol and window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 218**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 288**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			C	**5TG6 258**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			C	**5TG6 238**		1	1/10 units	021
	Inserts	Section	Page						
	• *Delay timers*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/7	A	**5TT1 210**		1	1 unit	027
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG6 216	**Rocker with "Time" symbol and window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 216**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 286**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG6 256**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG6 236**		1	1/10 units	021
	Inserts	Section	Page						
	• *Timers*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/7	A	**5TT1 200**		1	1 unit	027
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG6 210	**Rockers with labeling field**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 210**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 280**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG6 250**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG6 230**		1	1/10 units	021
	Inserts	Section	Page						
	• *Pushbuttons, 1 NO contact*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Universal switches*	*dto.*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
	Note	Section	Page						
	5TG1 136 sheet of pictographs, for single rocker with labeling field must be ordered separately, see ...	*Accessories and spare parts*	1/43	A	**5TG1 136**		1	1 unit	021
	Note								
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								
 5TG6 215	**Rockers with "Bell" symbol and labeling field**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 215**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 285**		1	1/10 units	021
	Inserts	Section	Page						
	• *Pushbuttons, 1 NO contact*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	Note								
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Rockers with labeling field and window								
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG6 211**		1	1/10 units	021
• Electrical white (RAL 1013)			A	**5TG6 281**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)			A	**5TG6 251**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)			A	**5TG6 231**		1	1/10 units	021
Inserts	Section	Page						
• *Switches with pilot lamp, for ON/OFF switching*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/6	A	**5TA2 150**		1	1/10 units	021
• *Switches with pilot lamp, for two-way switching*	dto.	10/6	A	**5TA2 108**		1	1/10 units	021
• *Pushbuttons, 1 NO contact, with separate neutral terminal*	dto.		A	**5TD2 116**		1	1/10 units	021
• *Pushbuttons, 1 CO contact, with separate neutral terminal*	dto.		A	**5TD2 117**		1	1/10 units	021
• *Pushbuttons, with seperate check-back indication*	dto.		A	**5TD2 114**		1	1/10 units	021
• *Universal switches*	dto.	10/3	A	**5TA2 156**		1	1/10 units	021
• *Intermediate switches*	dto.	10/4	A	**5TA2 117**		1	1/10 units	021
• *ON/OFF switches, 1-pole*	dto.	10/4	A	**5TA2 151**		1	1/10 units	021
• *Pushbuttons, 1 NO contact*	dto.	10/9	A	**5TD2 120**		1	1/10 units	021
• *Pushbuttons, 1 CO contact*	dto.	10/9	A	**5TD2 123**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
• *DELTA UP 116 bus coupling units, pushbutton position, single*	dto.	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
Note	Section	Page						
5TA2 150 *switches with pilot lamp, for ON/OFF switching* can be used as heating emergency switch. The required 5TG1 138 *labeling field insert "Heating Emergency Switch"* must be ordered separately, see ...	*Accessories and spare parts*	1/43	A	**5TG1 138**		1	1 unit	021
Note								
Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								
Rockers, double, neutral								
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG6 205**		1	1/10 units	021
• Electrical white (RAL 1013)			A	**5TG6 275**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)			A	**5TG6 245**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)			A	**5TG6 225**		1	1/10 units	021
• Amber (similar to RAL 1036) NEW			A	**5TG6 225-0**		1	1/10 units	021
• Piano black (similar to RAL 9005) NEW			A	**5TG6 225-1**		1	1 unit	021
• Chilly (similar to RAL 3020) NEW			A	**5TG6 225-2**		1	1/10 units	021
Inserts	Section	Page						
• *Double two-way switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/7	A	**5TA2 118**		1	1/10 units	021
• *Two-circuit switches*	dto.	10/8	A	**5TA2 155**		1	1/10 units	021
• *Pushbuttons, double, 1 NO contact, 1 CO contact*	dto.	10/11	A	**5TD2 115**		1	1/10 units	021
• *Pushbuttons, double, 2 NO contacts*	dto.	10/11	A	**5TD2 111**		1	1/10 units	021
• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
• *DELTA UP 116 bus coupling units, pushbutton position, double*	dto.	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
Rockers, double, with Up/Down symbols								
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG6 214**		1	1/10 units	021
• Electrical white (RAL 1013)			A	**5TG6 284**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)			A	**5TG6 254**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)			A	**5TG6 234**		1	1/10 units	021
Inserts	Section	Page						
• *Shutter/blind switches, with electrical and mechanical interlock*	*Functions / Shutter/blind controls*	13/2	A	**5TA2 154**		1	1/10 units	021
• *Shutter/blind pushbuttons, with electrical interlock*	dto.	13/2	A	**5TA2 114**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, pushbutton position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030



5TG6 211



5TG1 138



5TG6 205



5TG6 214

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switches and pushbuttons

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG6 204	**Rockers, double, with window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 204**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 274**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG6 244**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG6 224**		1	1/10 units	021
	Inserts	Section	Page						
	• *Two-circuit switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/8	A	**5TA2 155**		1	1/10 units	021
	• *Pushbuttons, double, 2 NO contacts*	*dto.*	10/11	A	**5TD2 111**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
 5TG6 212	**Rockers, double, with labeling field**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 212**		1	1/10 units	021
	• Electrical white (RAL 1013)			C	**5TG6 282**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG6 252**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			C	**5TG6 232**		1	1/10 units	021
	Inserts	Section	Page						
	• *Double two-way switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/7	A	**5TA2 118**		1	1/10 units	021
	• *Two-circuit switches*	*dto.*	10/8	A	**5TA2 155**		1	1/10 units	021
	• *Pushbuttons, double, 1 NO contact, 1 CO contact*	*dto.*	10/11	A	**5TD2 115**		1	1/10 units	021
	• *Pushbuttons, double, 2 NO contacts*	*dto.*	10/11	A	**5TD2 111**		1	1/10 units	021
	• *Shutter/blind switches, with electrical and mechanical interlock*	*Functions / Shutter/blind controls*	13/2	A	**5TA2 154**		1	1/10 units	021
	• *Shutter/blind pushbuttons, with electrical interlock*	*dto.*	13/2	A	**5TA2 114**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
	Note	Section	Page						
	5TG1 137 sheet of pictographs, for double rocker with labeling field must be ordered separately, see ...	*Accessories and spare parts*	1/43	A	**5TG1 137**		1	1 unit	021
	Note								
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								
 5TG6 213	**Rockers, double, with labeling field and window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 213**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 283**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG6 253**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG6 233**		1	1/10 units	021
	Inserts	Section	Page						
	• *Two-circuit switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/8	A	**5TA2 155**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
	Note	Section	Page						
	5TG1 137 sheet of pictographs, for double rocker with labeling field must be ordered separately, see ...	*Accessories and spare parts*	1/43	A	**5TG1 137**		1	1 unit	021
	Note								
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG6 217	**Rockers with pull actuation** Cord approx. 2 m								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 217**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 287**		1	1/10 units	021
	Inserts	Section	Page						
	• *Pushbuttons, 1 NO contact*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG4 820	**Hotel card switches, with lighting and labeling field** • Cover plate 62 mm × 62 mm • For cards up to 54 x 85 mm, 0.7 ... 1.0 mm thick • Insertion of a card controls a mechanical contact • With insert, *pushbutton, 1 CO contact, with separate neutral terminal* (5TD2 117) • Incl. *glow lamp* (5TG7 332)								
	Versions								
	• Titanium white (RAL 9010)			A	**5TG4 820**		1	1 unit	021
	• Electrical white (RAL 1013)			A	**5TG4 824**		1	1 unit	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG4 821**		1	1 unit	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG4 822**		1	1 unit	021
	Note								
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

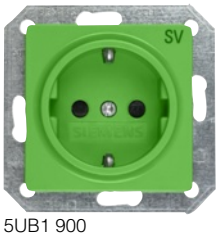
Socket outlets

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For screw and claw fixing • SCHUKO® socket outlets: 16 A, 250 V AC; 10 A, 250 V AC • Live parts of inserts covered by molded plastic • Self-retracting claws • The screwless terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm² • Degree of protection: IP20 • Size of cover plates: 55 mm x 55 mm						
Note / **Section** / **Page** • For extension claws, see ... / *Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts* / 10/19 • All socket outlets shown here can be combined with the frames of the DELTA line product range, see ... / *Design / DELTA line* / 2/5 • All socket outlets shown here can be combined with the frames and color elements of the DELTA vita product range, see ... / *Design / DELTA vita* / 2/5 • All rockers shown here can be combined with the frames of the DELTA miro product range, see ... / *Design / DELTA miro* / 3/6						
 5UB1 511 **SCHUKO® socket outlets**						
Versions						
• Titanium white (similar to RAL 9010)						
- With claws	A	**5UB1 511**		1	1/10 units	021
- Without claws for hollow-wall mounting	C	**5UB1 511-0KK**		1	10 units	021
• Electrical white (RAL 1013)						
- With claws	A	**5UB1 551**		1	1/10 units	021
- Without claws for hollow-wall mounting	C	**5UB1 551-0KK**		1	10 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5UB1 931**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)	A	**5UB1 921**		1	1/10 units	021
• Green (similar to RAL 6018) - Without labeling - For use with SV[1)]	A	**5UB1 512**		1	1/10 units	021
• Orange (similar to RAL 2004) - Without labeling - For use with ZSV[2)]	A	**5UB1 513**		1	1/10 units	021
• Red (similar to RAL 3003) - Without labeling - For use with WSV[3)]		**On request**				
Footnote						
[1)] SV: Safety power supply (AEV).						
[2)] ZSV: Additional safety power supply (BEV).						
[3)] WSV: Other safety power supply.						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB1 518	**SCHUKO® socket outlets with increased touch protection**						
	Versions						
	• Titanium white (similar to RAL 9010)						
	- With claws	A	**5UB1 518**		1	1/10 units	021
	- Without claws for hollow-wall mounting	C	**5UB1 518-0KK**		1	10 units	021
	• Electrical white (RAL 1013)						
	- With claws	A	**5UB1 558**		1	1/10 units	021
	- Without claws for hollow-wall mounting	C	**5UB1 558-0KK**		1	10 units	021
	• Aluminum metallic (similar to RAL 9006)	A	**5UB1 934**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)	A	**5UB1 924**		1	1/10 units	021
	• Amber (similar to RAL 1036) NEW	A	**5UB1 924-0**		1	1 unit	021
	• Piano black (similar to RAL 9005) NEW	A	**5UB1 924-1**		1	1 unit	021
	• Chilly (similar to RAL 3020) NEW	A	**5UB1 924-2**		1	1 unit	021
	• Green (similar to RAL 6018)	A	**5UB1 520**		1	1/10 units	021
	- Without labeling						
	- For use with SV[1)]						
	• Orange (similar to RAL 2004)	A	**5UB1 521**		1	1/10 units	021
	- Without labeling						
	- For use with ZSV[2)]						
	• Red (similar to RAL 3003)	A	**5UB1 522**		1	1/10 units	021
	- Without labeling						
	- For use with WSV[3)]						
	Footnote						
	[1)] SV: Safety power supply (AEV).						
	[2)] ZSV: Additional safety power supply (BEV).						
	[3)] WSV: Other safety power supply.						
 5UB1 910	**SCHUKO® socket outlets with "SV" imprint[1)]** Green (similar to RAL 6018)	A	**5UB1 910**		1	1/10 units	021
	Note / Section / Page: Label sheets for marking the inserts, see ... — *Accessories and spare parts* — 1/44						
	Footnote						
	[1)] SV: Safety power supply (AEV).						
 5UB1 900	**SCHUKO® socket outlets with "SV" imprint[1)] and increased touch protection** Green (similar to RAL 6018)	A	**5UB1 900**		1	1/10 units	021
	Note / Section / Page: Label sheets for marking the inserts, see ... — *Accessories and spare parts* — 1/44						
	Footnote						
	[1)] SV: Safety power supply (AEV).						
 5UB1 911	**SCHUKO® socket outlets with "ZSV" imprint[1)]** Orange (similar to RAL 2004)	A	**5UB1 911**		1	1/10 units	021
	Note / Section / Page: Label sheets for marking the inserts, see ... — *Accessories and spare parts* — 1/44						
	Footnote						
	[1)] ZSV: Additional safety power supply (BEV).						
 5UB1 901	**SCHUKO® socket outlets with "ZSV" imprint[1)] and increased touch protection** Orange (similar to RAL 2004)	A	**5UB1 901**		1	1/10 units	021
	Note / Section / Page: Label sheets for marking the inserts, see ... — *Accessories and spare parts* — 1/44						
	Footnote						
	[1)] ZSV: Additional safety power supply (BEV).						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Socket outlets



5UB1 515

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
SCHUKO® socket outlets, with labeling field						
Versions						
• Titanium white (similar to RAL 9010)	A	**5UB1 515**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5UB1 555**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5UB1 933**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)	A	**5UB1 923**		1	1/10 units	021
• Green (similar to RAL 6018) - Without labeling - For use with SV[1)]	A	**5UB1 537**		1	1/10 units	021
• Orange (similar to RAL 2004) - Without labeling - For use with ZSV[2)]	A	**5UB1 538**		1	1/10 units	021
• Red (similar to RAL 3003) - Without labeling - For use with WSV[3)]	A	**5UB1 536**		1	1/10 units	021

Note	Section	Page
Label sheets for marking the inserts, see ...	*Accessories and spare parts*	1/44

Note

Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool

Footnote

[1)] SV: Safety power supply (AEV).

[2)] ZSV: Additional safety power supply (BEV).

[3)] WSV: Other safety power supply.



5UB1 560

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
SCHUKO® socket outlets, with status display and labeling field						
Versions						
• Titanium white (similar to RAL 9010)	A	**5UB1 560**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5UB1 561**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5UB1 935**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)	A	**5UB1 925**		1	1/10 units	021
• Green (similar to RAL 6018) - Without labeling - For use with SV[1)]	A	**5UB1 562**		1	1/10 units	021
• Orange (similar to RAL 2004) - Without labeling - For use with ZSV[2)]	A	**5UB1 563**		1	1/10 units	021

Note	Section	Page				
• *Spare glow lamp, for SCHUKO® socket outlet with status display* 5TG7 304, see ...	*Accessories and spare parts*	1/45	A	**5TG7 304**	1	1/10 units 021
• *Label sheets*, for marking the inserts, see ...	*dto.*	1/44				
• For Technical specifications, see ...	*Technical Information / Socket Outlets / SCHUKO® socket outlets, with status display*	19/14				

Note

Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool

Footnote

[1)] SV: Safety power supply (AEV).

[2)] ZSV: Additional safety power supply (BEV).

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UH1 310	**Conversion kits, status display** • For SCHUKO® socket outlets • 1 set contains a glow lamp and cover plate • With window and labeling field						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UH1 310**		1	1/5 sets	021
	• Electrical white (RAL 1013)	A	**5UH1 311**		1	1/5 sets	021
	Note / Section / Page						
	For Technical specifications, see ... *Technical Information / Socket Outlets / SCHUKO® socket outlets, with status display* 19/14						
	Note						
	• Caution: This cover is only suitable as a replacement for SCHUKO® socket outlets with a green touch protection-cover. • Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool						
 5UB1 523	**SCHUKO® socket outlets, with increased touch protection and labeling field**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 523**		1	1 unit	021
	• Electrical white (RAL 1013)	A	**5UB1 552**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)	A	**5UB1 940**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)	A	**5UB1 943**		1	1/10 units	021
	Note / Section / Page						
	• For label sheets for marking inserts, see ... *Accessories and spare parts* 1/44						
	Note						
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool						
 5UB1 524	**SCHUKO® socket outlets, with increased touch protection, labeling field and function indicator**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 524**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5UB1 553**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)	A	**5UB1 941**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)	A	**5UB1 944**		1	1/10 units	021
	Note						
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool						
 5UB1 525	**SCHUKO® socket outlets, with increased touch protection, labeling field, function indicators and overvoltage protection**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 525**		1	1 unit	021
	• Electrical white (RAL 1013)	A	**5UB1 556**		1	1 unit	021
	• Aluminum metallic (similar to RAL 9006)	A	**5UB1 942**		1	1 unit	021
	• Carbon metallic (similar to RAL 7016)	A	**5UB1 945**		1	1 unit	021
	Note / Section / Page						
	• *Spare overvoltage protection module* 5UH1 300, see ... *Accessories and spare parts* 1/45	A	**5UH1 300**		1	1 unit	021
	• For Technical specifications, see ... *Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection* 19/15						
	Note						
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Socket outlets

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB1 564	**SCHUKO® socket outlets, with overvoltage protection, function displays and labeling field**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 564**		1	1 unit	021
	• Electrical white (RAL 1013)	A	**5UB1 565**		1	1 unit	021
	• Aluminum metallic (similar to RAL 9006)	A	**5UB1 936**		1	1 unit	021
	• Carbon metallic (similar to RAL 7016)	A	**5UB1 926**		1	1 unit	021
	Note / Section / Page						
	• *Spare overvoltage protection module* 5UH1 300, see ... *Accessories and spare parts* 1/45	A	**5UH1 300**		1	1 unit	021
	• For Technical specifications, see ... *Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection* 19/15						
	Note						
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool						
  5UH1 340	**Conversion kits, overvoltage protection** • For SCHUKO® socket outlets • 1 set contains overvoltage protection module and cover plate • With window and labeling field						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UH1 340**		1	1 set	021
	• Electrical white (RAL 1013)	A	**5UH1 341**		1	1 set	021
	Note / Section / Page						
	For Technical specifications, see ... *Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection* 19/15						
	Note						
	• Caution: This cover, complete with overvoltage protection module, is only suitable as a substitute for SCHUKO® socket outlets with green touch protection cover. • Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool						
 5TC1 011	**SCHUKO® socket outlets with residual-current protection** • 16 A, 230 V AC • 45 ... 60 Hz • With integrated residual current operated circuit breaker for increased protection level • With interconnecting conductors (i.e. conventional SCHUKO® socket outlets connected downstream can also be integrated into residual-current protection) • With increased touch protection • For screw fixing (without claws) • Rated residual current 30 mA						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TC1 011**		1	1 unit	024
	• Electrical white (RAL 9013)	A	**5TC1 010**		1	1 unit	024
	• Aluminum metallic (RAL 9006)	A	**5TC1 012**		1	1 unit	024
	• Carbon metallic (similar to RAL 7016)	A	**5TC1 013**		1	1 unit	024
	Note / Section / Page						
	For Technical specifications, see ... *Technical Information / Socket Outlets / SCHUKO® socket outlet with residual-current protection* 19/15						
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1011/all						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB1 912						
SCHUKO® socket outlets with hinged lid and increased touch protection and labeling field						
Versions						
• Titanium white (similar to RAL 9010)	A	**5UB1 912**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5UB1 902**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5UB1 932**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)	A	**5UB1 922**		1	1/10 units	021
• Green (similar to RAL 6018) - Without labeling - For use with SV[1)]	A	**5UB1 913**		1	1/10 units	021
• Orange (similar to RAL 2004) - Without labeling - For use with ZSV[2)]	A	**5UB1 914**		1	1/10 units	021
Note / Section / Page						
• Degree of protection IP44 for *SCHUKO® socket outlets with hinged lid* can be achieved using an *IP44 seal, for socket outlets*, see ... *Accessories and spare parts* 1/44	A	**5TG4 318**		1	1/10 sets	021
• *Label sheets*, for marking the inserts, see ... *dto.* 1/44						
Note						
• Opening angle of the hinged lid, 150° • Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool						
Footnote						
[1)] SV: Safety power supply (AEV). [2)] ZSV: Additional safety power supply (BEV).						
 5UB1 917						
SCHUKO® socket outlets with hinged lid						
Versions						
• Titanium white (similar to RAL 9010)	A	**5UB1 917**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5UB1 907**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5UB1 937**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)	A	**5UB1 927**		1	1/10 units	021
Note / Section / Page						
Degree of protection IP44 for *SCHUKO® socket outlets with hinged lid* can be achieved using an *IP44 seal, for socket outlets*, see ... *Accessories and spare parts* 1/44	A	**5TG4 318**		1	1/10 sets	021
Note						
Opening angle of the hinged lid, 150°						
 5UB1 915						
SCHUKO® socket outlets, with hinged lid and increased touch protection						
Versions						
• Titanium white (similar to RAL 9010)	A	**5UB1 915**		1	1 unit	021
• Electrical white (RAL 1013)	A	**5UB1 905**		1	1 unit	021
• Aluminum metallic (similar to RAL 9006)	A	**5UB1 930**		1	1 unit	021
• Carbon metallic (similar to RAL 7016)	A	**5UB1 920**		1	1 unit	021
• Amber (similar to RAL 1036) NEW	A	**5UB1 920-0**		1	1 unit	021
• Piano black (similar to RAL 9005) NEW	A	**5UB1 920-1**		1	1 unit	021
• Chilly (similar to RAL 3020) NEW	A	**5UB1 920-2**		1	1 unit	021
Note / Section / Page						
Degree of protection IP44 for *SCHUKO® socket outlets with hinged lid* can be achieved using an *IP44 seal, for socket outlets*, see ... *Accessories and spare parts* 1/44	A	**5TG4 318**		1	1/10 sets	021
Note						
Opening angle of the hinged lid, 150°						
 5UH1 081						
Cover plates with hinged lid, increased touch protection and labeling field For converting SCHUKO® socket outlets						
Versions						
• Titanium white (similar to RAL 9010)	A	**5UH1 081**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5UH1 213**		1	1/10 units	021
Note						
• Caution: This cover is only suitable as a replacement for SCHUKO® socket outlets with a green touch protection-cover. • Opening angle of the hinged lid, 150° • Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Socket outlets

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UH1 204	**Cover plates with hinged lid** For converting SCHUKO® socket outlets Versions						
	• Titanium white (similar to RAL 9010)	A	**5UH1 204**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5UH1 205**		1	1/10 units	021
	Note						
	• Caution: This cover is only suitable as a replacement for SCHUKO® socket outlets with a green touch protection-cover. • Opening angle of the hinged lid, 150°						
 5UB1 916	**SCHUKO® socket outlets with hinged lid and increased touch protection and lock** Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 916**		1	1 unit	021
	• Electrical white (RAL 1013)	A	**5UB1 906**		1	1 unit	021
	Note / Section / Page						
	Degree of protection IP44 for *SCHUKO® socket outlets with hinged lid* can be achieved using an *IP44 seal, for socket outlets*, see ... / *Accessories and spare parts* / 1/44	A	**5TG4 318**		1	1/10 sets	021
	Note						
	• Opening angle of the hinged lid, 150°, identical key type • The special version offers up to 200 different locking systems. Ask for details of additional charge.						
 5UB1 580	**SCHUKO® socket outlets, 80 mm x 80 mm** Complete assembly, therefore no additional frame necessary Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 580**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5UB1 581**		1	1/10 units	021
	Note						
	DELTA line design						
 5UB1 582	**SCHUKO® socket outlets, 80 mm x 80 mm, with increased touch protection** Complete assembly, therefore no additional frame necessary Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 582**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5UB1 583**		1	1/10 units	021
	Note						
	DELTA line design						
 5UB2 201	**SCHUKO® double socket outlets** • 117 mm x 80 mm • For device boxes with 60 mm Ø • Screw terminals • Live parts not covered by molded plastic Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB2 201**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5UB2 202**		1	1/10 units	021
 5UB2 206-5A	**Double SCHUKO® socket outlets, with increased touch protection** • 94 mm x 80 mm • For device boxes with 60 mm Ø • Screwless terminals • Without self-retracting claws Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB2 206-5A**		1	1 unit	021
	• Electrical white (RAL 1013)	A	**5UB2 205-5A**		1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB4 650	**SCHUKO® socket outlets, with hinged lid made of die-cast aluminum** • With flush-mounting socket • IP41 drip-proof • Base made of thermosetting plastic with two cable entries M20 • 95 mm x 95 mm x 56 mm • Light gray (RAL 7035)	A	**5UB4 650**		1	1 unit	021
 5UA6 701	**Shaver socket outlets** • 20 VA, 230 V AC, 50/60 Hz • 80 mm x 80 mm						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UA6 701**		1	1 unit	021
	• Electrical white (RAL 1013)	A	**5UA6 110**		1	1 unit	021
	Note / Section / Page						
	For Technical specifications, see ... / *Technical Information / International Plug-and-Socket Devices / Shaver socket outlets* / 19/67						
 5UH1 111	**Molded-plastic wall enclosures, with lid, for "shaver socket outlets"** 80 mm x 80 mm x 62 mm	A	**5UH1 111**		1	1 unit	021
 5UH1 112	**Sealing rings for "molded-plastic wall enclosures"** 85 mm x 85 mm	A	**5UH1 112**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

International plug-and-socket devices

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • With screw and claw fixing • Screw terminals • Degree of protection IP20 • Size of cover plates: 55 mm x 55 mm						
	Note: For extension claws, see ... — Section: *Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts* — Page: 10/19						
 5UB1 918	**Socket outlets with grounding pin and increased touch protection** • 16 A, 250 V AC • 2-pole according to CEE7 • French/Belgian standard • With anti-slip terminals for 4 x 2.5 mm^2						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 918**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5UB1 908**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)	A	**5UB1 938**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)	A	**5UB1 928**		1	1/10 units	021
 5UB1 350	**Socket outlets with grounding pin** • 16 A, 250 V AC • 2-pole according to CEE7 • French/Belgian standard • With anti-slip terminals for 4 x 2.5 mm^2						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 350**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5UB1 348**		1	1/10 units	021
 5UB1 307	**Socket outlets, according to American standard C 73** • 15 A, 125 V AC • 51 mm x 51 mm						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 307**		1	1/10 units	021
	• Electrical white (RAL 1013)	D	**5UB1 303**		1	1/10 units	021
	Note: Intermediate frames must be ordered separately, see ... — Section: *Design / DELTA line / Frames*; *Design / DELTA vita / Frames* — Page: 2/6; 2/5						
 5UB1 534	**NEMA socket outlets** • 2-pole (2P + E) • NEMA 5-20R • 20 A, 125 V AC • For 58 series mounting boxes • For screw fixing only • Titanium white (similar to RAL 9010)	A	**5UB1 534**		1	1 unit	021
 5UB1 535	**NEMA socket outlets with hinged lid** • 2-pole (2P + E) • NEMA 5-20R • 20 A, 125 V AC • For 58 series mounting boxes • For screw fixing only • Titanium white (similar to RAL 9010)	A	**5UB1 535**		1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information Size of cover plates: 55 mm x 55 mm								
Note	Section	Page						
• All rockers and cover plates shown here can be combined with the frames of the DELTA line product range, see ...	*Design / DELTA line*	2/5						
• All rockers and cover plates shown here can be combined with the frames and color elements of the DELTA vita product range, see ...	*Design / DELTA vita*	3/2						
• All rockers and cover plates shown here can be combined with the frames of the DELTA miro product range, see ...	*Design / DELTA miro*	3/6						
 5TG6 214	**Rockers, double, with Up/Down symbols**							
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG6 214**		1	1/10 units	021
• Electrical white (RAL 1013)			A	**5TG6 284**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)			A	**5TG6 254**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)			A	**5TG6 234**		1	1/10 units	021
Inserts	Section	Page						
• *Shutter/blind switches, with electrical and mechanical interlock*	*Functions / Shutter/blind controls*	13/2	A	**5TA2 154**		1	1/10 units	021
• *Shutter/blind pushbuttons, with electrical interlock*	*dto.*	13/2	A	**5TA2 114**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, pushbutton position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
 5TG6 212	**Rockers, double, with labeling field**							
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG6 212**		1	1/10 units	021
• Electrical white (RAL 1013)			C	**5TG6 282**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)			A	**5TG6 252**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)			C	**5TG6 232**		1	1/10 units	021
Inserts	Section	Page						
• *Shutter/blind switches, with electrical and mechanical interlock*	*Functions / Shutter/blind controls*	13/2	A	**5TA2 154**		1	1/10 units	021
• *Shutter/blind pushbuttons, with electrical interlock*	*dto.*	13/2	A	**5TA2 114**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
Note	Section	Page						
5TG1 137 sheet of pictographs, for double rocker with labeling field must be ordered separately, see ...	*Accessories and spare parts*	1/43	A	**5TG1 137**		1	1 unit	021
Note								
Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Shutter/blind controls

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA7 664	**Shutter/blind key-operated switches for master-key systems, with Up/Down symbols** • 10 A, 250 V AC • Key can only be withdrawn in neutral position • *5TG4 225 profile semicylinder* (see below) must be ordered separately						
	Titanium white versions (similar to RAL 9010)						
	• 1-pole, changeover contact with neutral position						
	- Momentary-contact and maintained-contact position to left and right	A	**5TA7 664**		1	1 unit	021
	- Momentary-contact position to left and right	A	**5TA7 666**		1	1 unit	021
	- Maintained-contact position to left and right	A	**5TA7 668**		1	1 unit	021
	• 2-pole, changeover contact with neutral position						
	- Momentary-contact and maintained-contact position to left and right	A	**5TA7 665**		1	1 unit	021
	- Momentary-contact position on both sides, key can only be removed when in "OFF" position	A	**5TA7 667**		1	1 unit	021
	• 2-pole, changeover contact without neutral position						
	- Maintained-contact position to left and right, key can be withdrawn in both switch positions	A	**5TA7 670**		1	1 unit	021
	Electrical white versions (RAL 1013)						
	• 1-pole, changeover contact with neutral position						
	- Momentary-contact and maintained-contact position to left and right	A	**5TA7 675**		1	1 unit	021
	- Momentary-contact position to left and right	A	**5TA7 677**		1	1 unit	021
	- Maintained-contact position to left and right	A	**5TA7 680**		1	1 unit	021
	• 2-pole, changeover contact with neutral position						
	- Momentary-contact and maintained-contact position to left and right	A	**5TA7 676**		1	1 unit	021
	- Momentary-contact position to left and right	A	**5TA7 678**		1	1 unit	021
	• 2-pole, changeover contact without neutral position						
	- Maintained-contact position to left and right, key can be withdrawn in both switch positions	A	**5TA7 681**		1	1 unit	021

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems*	19/49

 5TG4 225	**Profile semicylinders for "shutter/blind key-operated switches for master-key systems"** • CES product • With three keys of • Identical key type	A	**5TG4 225**		1	1/10 units	021
 5TA7 662	**Shutter/blind key-operated switches with Up/Down symbols** • With safety lock and 2 keys • 10 A, 250 V AC • 1-pole • Identical key type • Key can only be withdrawn in neutral position • Momentary-contact and maintained-contact position to left and right and neutral position						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TA7 662**		1	1 unit	021
	• Electrical white (RAL 1013)	A	**5TA7 673**		1	1 unit	021

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches*	19/48

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA7 660	**Shutter/blind knob-operated switches with Up/Down symbols** • 10 A, 250 V AC • Momentary-contact and maintained-contact position to left and right and neutral position • Changeover contact with neutral position								
	Versions								
	• Titanium white (similar to RAL 9010)								
	- 1-pole			A	**5TA7 660**		1	1 unit	021
	- 2-pole			A	**5TA7 661**		1	1 unit	021
	• Electrical white (RAL 1013)								
	- 1-pole			A	**5TA7 671**		1	1 unit	021
	- 2-pole			A	**5TA7 672**		1	1 unit	021
	Note	Section	Page						
	For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches*	19/48						
 5TA7 663	**Shutter/blind knob-operated switches, with "Down/Up" label** • 10 A, 250 V AC • 1-pole (changeover contact with neutral position) • Momentary-contact position to left and right and neutral position								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TA7 663**		1	1 unit	021
	• Electrical white (RAL 1013)			A	**5TA7 674**		1	1 unit	021
	Note	Section	Page						
	For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches*	19/48						
 5TC1 321	**sys shutter/blind pushbuttons**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC1 321**		1	1 unit	024
	• Electrical white (RAL 1013)			A	**5TC1 320**		1	1 unit	024
	• Aluminum metallic (similar to RAL 9006)			B	**5TC1 323**		1	1 unit	024
	• Carbon metallic (similar to RAL 7016)			A	**5TC1 322**		1	1 unit	024
	Inserts	Section	Page						
	sys shutter/blind control inserts	*Functions / Shutter/blind controls*	13/3	A	**5TC1 231**		1	1 unit	024
	Note	Section	Page						
	• For a more detailed explanation of the sys shutter/blind pushbutton, see ...	*Technical Information / Shutter/Blind Controls / General*	19/46						
	• For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / sys shutter/blind pushbuttons*	19/50						
 5WG3 211-2HB11	**UP 211 wave shutter/blind pushbuttons**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG3 211-2HB11**		1	1 unit	022
	• Aluminum metallic (similar to RAL 9006)			B	**5WG3 211-2HB31**		1	1 unit	022
	• Carbon metallic (similar to RAL 7016)			C	**5WG3 211-2HB21**		1	1 unit	022
	Inserts	Section	Page						
	sys shutter/blind control inserts	*Functions / Shutter/blind controls*	13/3	A	**5TC1 231**		1	1 unit	024
	Note	Section	Page						
	• For a more detailed explanation of the UP 211 wave shutter/blind push-buttons, see ...	*Functions / Remote Control Systems*	16/2						
	• For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / sys shutter/blind pushbuttons*	19/50						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Shutter/blind controls

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 520	**Shutter/blind controls** • For controlling a blind or shutter motor with mechanical or electronic limit switches • Operation is by means of 4 control buttons						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TC1 520**		1	1 unit	024
	• Electrical white (RAL 1013)	A	**5TC1 532**		1	1 unit	024
	• Aluminum metallic (similar to RAL 9006)	A	**5TC1 522**		1	1 unit	024
	• Carbon metallic (similar to RAL 7016)	A	**5TC1 524**		1	1 unit	024
	Note / Section / Page						
	For Technical specifications, see ... *Technical Information / Shutter/Blind Controls / Shutter/blind controls* 19/51						
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1520/all						
	Product features						
	• Flush-mounting device without an extension unit input • 230 V AC, 50 Hz (N conductor required) • For screw and claw fixing • Type of connection: screw terminals • 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s • Bridging of voltage interruptions < 0.2 s • Connected load: max. 1 motor up to 1000 W • Pulse duration: Approx. 2 min • Accuracy: ± 1 min per month • Reserve power: > 6 h • Switching times: max. 4 (in 2 blocks: Mo ... Fr / Sa ... Su) • Factory preset switching times for faster commissioning • Possible reset to factory settings • Manual operation possible at any time						
 5TC1 521	**Comfort shutter/blind controls** • For controlling a blind or shutter motor with mechanical or electronic limit switches and comprehensive functionality (see product features) • Menu-controlled operation by means of 4 control buttons						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TC1 521**		1	1 unit	024
	• Electrical white (RAL 1013)	A	**5TC1 533**		1	1 unit	024
	• Aluminum metallic (similar to RAL 9006)	A	**5TC1 523**		1	1 unit	024
	• Carbon metallic (similar to RAL 7016)	A	**5TC1 525**		1	1 unit	024
	Note / Section / Page						
	• The *sun sensor* must be ordered separately, see ... *Accessories and spare parts* 1/44 • For Technical specifications, see ... *Technical Information / Shutter/Blind Controls / Comfort shutter/blind controls* 19/54	A	**5TC1 526**		1	1 unit	024
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1521/all						
	Product features						
	• Flush-mounting device without an extension unit input • 230 V AC, 50 Hz (N conductor required) • For screw and claw fixing • Type of connection: screw terminals • 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s • Bridging of voltage interruptions < 0.2 s • Connected load: max. 1 motor up to 1000 W • Pulse duration: 2 min factory setting, may be changed to as much as 12 min by programming • Accuracy: ± 1 min per month • Reserve power: approx. 24 h • Switching times: max. 18 (can be split up in three memories) • Factory preset switching times for faster commissioning • Possible reset to factory settings • Random generator ± 15 min • Astro program (can be delayed by ± 1 h 59 min) • Easy changeover to daylight savings • Twilight and sun protection function is possible with an optional sun sensor • The random and astro functions can be combined • Manual operation possible at any time						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 270	**Shutter/blind control flush-mounting isolating relays** • Double, with individual control • Relay for the control of several shutters or blinds • Two motors can be controlled per isolating relay, even if further isolating relays are connected downstream • Option for individual control of connected motors over shutter/blind pushbutton (e.g. 5TA2 114) • The isolating relay is to be installed into a surface-mounting or flush-mounting box (flush-mounting box from 70 mm ∅ or surface-mounting boxes from 100 mm x 100 mm) • Only for in-phase operation • 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz • 58 mm x 59 mm x 22 mm	A	**5TC1 270**		1	1 unit	024
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays* — Page: 19/58						
	Note: Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1270/all						
 5TC1 271	**Shutter/blind control flush-mounting isolating relays, compact** • Relay for the control of several shutters or blinds • A maximum of two motors can be connected per compact isolating relay, whereby the drive connected to the marked motor terminals can also be individually controlled over a shutter/blind pushbutton • If cascaded, a motor can be connected to each compact isolating relay, which can also be individually controlled over a shutter/blind pushbutton • The isolating relay is to be installed into a surface-mounting or flush-mounting box (flush-mounting box from 60 mm ∅, 40 mm deep or surface-mounting boxes from 75 mm x 75 mm) • Only for in-phase operation • 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz • 50 mm x 53 mm x 22 mm	A	**5TC1 271**		1	1 unit	024
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact* — Page: 19/59						
	Note: Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1271/all						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG

General information
- For stand-alone devices and combinations
- For screw and claw fixing
- Degree of protection: IP20
- Size of cover plates: 55 mm x 55 mm

Note	Section	Page
• All cover plates for dimmers shown here can be combined with frames of the DELTA line product range, see ...	*Design / DELTA line*	2/5
• All cover plates for dimmers shown here can be combined with the frames and color elements of the DELTA vita product range, see ...	*Design / DELTA vita*	2/5
• All cover plates for dimmers shown here can be combined with frames of the DELTA miro product range, see ...	*Design / DELTA miro*	3/6

Note

Download the operating and mounting instructions at:
http://support.automation.siemens.com/WW/view/en/17738210/133300

Rotary dimmers



5TC8 900

Cover plates with rotary button, for dimmers

Versions

	DT	Order No.		PU (UNIT, SET, M)	PS*/ P. unit	PG
• Titanium white (similar to RAL 9010)	A	**5TC8 900**		1	1/10 units	024
• Electrical white (RAL 1013)	A	**5TC8 901**		1	1/10 units	024
• Aluminum metallic (similar to RAL 9006)	A	**5TC8 902**		1	1/10 units	024
• Carbon metallic (similar to RAL 7016)	A	**5TC8 903**		1	1/10 units	024

Symbol	Inserts	Section	Page	DT	Order No.		PU (UNIT, SET, M)	PS*/ P. unit	PG
R	*Incandescent lamp dimmers, 50 ... 400 W*	*Functions / Switching/Pushbutton Control/Dimming*	10/11	A	**5TC8 256**		1	1 unit	024
R	*Incandescent lamp dimmers, 50 ... 600 W, for two-way switching*	*dto.*	10/12	A	**5TC8 257**		1	1 unit	024
R, L	*Low-voltage dimmers, for magnetic transformers, 50 ... 600 W, 25 ... 500 VA, for two-way switching*	*dto.*	10/12	A	**5TC8 283**		1	1 unit	024
R, C	*Low-voltage dimmers, for electronic transformers, 20 ... 600 W, 20 ... 525 VA, for two-way switching*	*dto.*	10/13	A	**5TC8 284**		1	1 unit	024
R, C	*Low-voltage dimmers, for electronic transformers, 60 ... 800 W, 60 ... 800 VA, for two-way switching*	*dto.*	10/13	A	**5TC8 258**		1	1 unit	024
X	*Electronic potentiometers, switch*	*dto.*	10/15	A	**5TC8 424**		1	1 unit	024
X	*Electronic potentiometers, pushbutton*	*dto.*	10/16	A	**5TC8 425**		1	1 unit	024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Sensor dimmer



5TG8 353

Cover plates with sensor area, for dimmers

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG8 353**		1	1/10 units	024
• Electrical white (RAL 1013)	A	**5TG8 354**		1	1/10 units	024
• Aluminum metallic (similar to RAL 9006)	A	**5TG8 523**		1	1/10 units	024
• Carbon metallic (similar to RAL 7016)	A	**5TG8 521**		1	1/10 units	024

Symbol	Power	Inserts	Section	Page	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
R, L	20 ... 400 W	*Sensor dimmer* • *Without memory function*	*Functions / Switching/Pushbutton Control/Dimming*	10/14	A	**5TC8 240**		1	1 unit	024
	20 ... 300 VA	• *With memory function*	*dto.*	10/14	A	**5TC8 232**		1	1 unit	024

Touch dimmers

5TC1 301

sys pushbuttons

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions						
• Titanium white (similar to RAL 9010)	A	**5TC1 301**		1	1 unit	024
• Electrical white (RAL 1013)	A	**5TC1 300**		1	1 unit	024
• Aluminum metallic (similar to RAL 9006)	A	**5TC1 303**		1	1 unit	024
• Carbon metallic (similar to RAL 7016)	A	**5TC1 302**		1	1 unit	024
• Amber (similar to RAL 1036) NEW	A	**5TC1 302-0**		1	1 unit	024
• Piano black (similar to RAL 9005) NEW	A	**5TC1 302-1**		1	1 unit	024
• Chilly (similar to RAL 3020) NEW	A	**5TC1 302-2**		1	1 unit	024

Symbol	Power	Inserts	Section	Page	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
R, L, C	50 ... 420 W	*Universal dimmer sys inserts*	*Functions / Switching/Pushbutton Control/Dimming*	10/15	A	**5TC1 230**		1	1 unit	024
	50 ... 420 VA									
	70 ... 420 VA									

Note	Section	Page
• For a more detailed explanation of the sys pushbutton, see ...	*Functions / Remote Control Systems*	16/2
• For Technical specifications, see ...	*Technical Information / Dimmers / sys pushbuttons*	19/18

Touch dimmers with radio control



5WG3 210-2HB11

UP 210 wave pushbuttons

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions						
• Titanium white (similar to RAL 9010)	A	**5WG3 210-2HB11**		1	1 unit	022
• Aluminum metallic (similar to RAL 9006)	B	**5WG3 210-2HB31**		1	1 unit	022
• Carbon metallic (similar to RAL 7016)	C	**5WG3 210-2HB21**		1	1 unit	022

Symbol	Power	Inserts	Section	Page	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
R, L, C	*50 ... 420 W*	*Universal dimmer sys inserts*	*Functions / Switching/Pushbutton Control/Dimming*	10/15	A	**5TC1 230**		1	1 unit	024
	50 ... 420 VA									
	70 ... 420 VA									

Note	Section	Page
For a more detailed explanation of the *UP 210 wave pushbutton*, see ...	*Functions / Remote Control Systems*	16/2

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Lighting controls

Touch switches with radio control



5WG3 210-2HB11

UP 210 wave pushbuttons

Version				DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions									
• Titanium white (similar to RAL 9010)				A	**5WG3 210-2HB11**		1	1 unit	022
• Aluminum metallic (similar to RAL 9006)				B	**5WG3 210-2HB31**		1	1 unit	022
• Carbon metallic (similar to RAL 7016)				C	**5WG3 210-2HB21**		1	1 unit	022
Power	Inserts	Section	Page						
• 25 ... 250 VA	*sys switching inserts, 25 to 250 VA*	*Functions / Switching/Pushbutton Control/Dimming / Inserts*	10/16	A	**5TC1 232**		1	1 unit	024
• 15 ... 500 VA	*sys switching inserts, 15 to 500 VA*	*dto.*	10/17	A	**5TC1 233**		1	1 unit	024
Note		Section	Page						
For a more detailed explanation of the *UP 210 wave pushbutton*, see ...		*Functions / Remote Control Systems*	16/2						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Size of tops: 55 mm x 55 mm • Degree of protection: IP20						
Note						
Download the operating and mounting instructions at: http://support.automation.siemens.com/WW/view/en/17738210/133300						
 5TC1 503 (front view)  5TC1 50. (rear view) **Motion detector tops** • The motion detector top responds to heat motions and initiates a switching operation • The lighting remains switched on as long as the motion detector top detects movement, otherwise it is switched off after the fixed delay time of approx. 2 min • The lighting is only switched on again after a locking time of 3 s • Depending on technical requirements (relay, triac or extension unit insert), the motion detector top is operated in combination with a motion detector insert • The sensing range can be extended if combined with a motion detector extension unit insert • 2 different versions are available, depending on the required mounting height (1.10 or 2.20 m) • Thanks to their modular design, tops and inserts can be freely combined • The sensing range of a center unit can be extended by connecting a maximum of 10 motion detector extension units • The number of connectable passive extension units is unlimited (e.g. *push-button, 1 NO contact*, 5TD2 120) • The sensitivity is infinitely adjustable between 20 and 100 %						
Versions						
• Mounting height 1.10 m						
- Titanium white (similar to RAL 9010)	A	**5TC1 503**		1	1 unit	024
- Electrical white (RAL 1013)	A	**5TC1 527**		1	1 unit	024
- Aluminum metallic (similar to RAL 9006)	A	**5TC1 507**		1	1 unit	024
- Carbon metallic (similar to RAL 7016)	A	**5TC1 512**		1	1 unit	024
• Mounting height 2.20 m						
- Titanium white (similar to RAL 9010)	A	**5TC1 504**		1	1 unit	024
- Electrical white (RAL 1013)	A	**5TC1 528**		1	1 unit	024
- Aluminum metallic (similar to RAL 9006)	A	**5TC1 508**		1	1 unit	024
- Carbon metallic (similar to RAL 7016)	A	**5TC1 513**		1	1 unit	024

Inserts	Section	Page	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
• *Motion detector relay inserts*	*Functions / Motion Detectors*	11/2	A	**5TC1 500**		1	1 unit	024
• *Motion detector triac inserts*	*dto.*	11/2	A	**5TC1 501**		1	1 unit	024
• *Motion detector extension unit inserts*	*dto.*	11/3	A	**5TC1 502**		1	1 unit	024

Technical specifications	
• Sensing angle	Approx. 180°
• Mounting height	1.10 m/2.20 m (depending on the version)
• Sensing field	
- 1.10 m lens	approx. 12 m x 12 m
- 2.20 m lens	approx. 12 m x 12 m
• Number of lenses/ lens levels	
- 1.10 m lens	18 / 2
- 2.20 m lens	26 / 3
• Rated voltage flush-mounting inserts	230 V AC, 50 Hz
• Operating temperature	Approx. –20 ... +45 °C
• Delay time, permanently set	Approx. 2 min
• Locking time after switch-off	Approx. 3 s
• Brightness threshold value	Approx. 0 ... 80 lux / day mode
• Sensitivity	Approx. 20 … 100 %
• Number of extension units at the flush-mounting insert	
- Motion detector extension units	Max. 10
- Mechanical pushbuttons (without glow lamps)	Unlimited

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Motion detectors



5TC1 505 (front view)



5TC1 50. (rear view)

Comfort motion detector tops
same as motion detector top, plus:
- The Comfort motion detector top can also be set to short-time duty
- This way it is possible, for example, to control acoustic signal transducers (bells) for the monitoring of an entry door
- The operating mode (continuous OFF/automatic/continuous ON) can be selected by means of a slide switch which can also be secured in the automatic position
- The delay time can be infinitely adjusted between 10 s and 30 min

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions						
• Mounting height 1.10 m						
- Titanium white (similar to RAL 9010)	A	**5TC1 505**		1	1 unit	024
- Electrical white (RAL 1013)	A	**5TC1 530**		1	1 unit	024
- Aluminum metallic (similar to RAL 9006)	A	**5TC1 510**		1	1 unit	024
- Carbon metallic (similar to RAL 7016)	A	**5TC1 514**		1	1 unit	024
• Mounting height 2.20 m						
- Titanium white (similar to RAL 9010)	A	**5TC1 506**		1	1 unit	024
- Electrical white (RAL 1013)	A	**5TC1 531**		1	1 unit	024
- Aluminum metallic (similar to RAL 9006)	A	**5TC1 511**		1	1 unit	024
- Carbon metallic (similar to RAL 7016)	A	**5TC1 515**		1	1 unit	024

Inserts	Section	Page				
• *Motion detector relay inserts*	*Functions / Motion Detectors*	11/2	A	**5TC1 500**	1	1 unit 024
• *Motion detector triac inserts*	*dto.*	11/2	A	**5TC1 501**	1	1 unit 024
• *Motion detector extension unit inserts*	*dto.*	11/3	A	**5TC1 502**	1	1 unit 024

Technical specifications	
• Sensing angle	Approx. 180°
• Mounting height	1.10 m / 2.20 m (depending on the version)
• Sensing field	
- 1.10 m lens	approx. 12 m x 12 m
- 2.20 m lens	approx. 12 m x 12 m
• Number of lenses/ lens levels	
- 1.10 m lens	18 / 2
- 2.20 m lens	26 / 3
• Rated voltage flush-mounting inserts	230 V AC, 50 Hz
• Operating temperature	Approx. –20 … +45 °C
• Delay time	Approx. 10 s ... 30 min
• Locking time after switch-off	Approx. 3 s
• Brightness threshold value	Approx. 0 ... 80 lux / day mode
• Sensitivity	Approx. 20 … 100 %
• Number of extension units at the flush-mounting insert	
- Motion detector extension units	Max. 10
- Mechanical pushbuttons (without glow lamps)	Unlimited

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • For stand-alone devices and combinations • For screw fixing • Degree of protection: IP20 • Size of cover plates: 55 mm x 55 mm								
	Note								
	Download the operating and mounting instructions at: http://support.automation.siemens.com/WW/view/en/17738210/133300								
 5TC9 221	**Cover plates for room temperature controllers, NC/CO**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC9 221**		1	1/25 units	024
	• Electrical white (RAL 1013)			A	**5TC9 220**		1	1 unit	024
	• Aluminum metallic (similar to RAL 9006)			A	**5TC9 250**		1	1 unit	024
	• Carbon metallic (similar to RAL 7016)			A	**5TC9 251**		1	1 unit	024
	Inserts	Section	Page						
	• *Room temperature controllers, 1 NC contact*	*Functions / Room Temperature Controllers*	14/2	A	**5TC9 200**		1	1 unit	024
	• *Room temperature controllers, 1 CO contact*	*dto.*	14/2	A	**5TC9 201**		1	1/100 units	024
 5TC9 223	**Cover plates for room temperature controllers, 3-position switch** Possible positions: • Automatic timing • Constant day temperature • Constant nighttime reduction								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC9 223**		1	1 unit	024
	• Electrical white (RAL 1013)			A	**5TC9 222**		1	1 unit	024
	• Aluminum metallic (similar to RAL 9006)			A	**5TC9 252**		1	1 unit	024
	• Carbon metallic (similar to RAL 7016)			A	**5TC9 253**		1	1 unit	024
	Inserts	Section	Page						
	Room temperature controllers, 3-position switch	*Functions / Room Temperature Controllers*	14/2	A	**5TC9 202**		1	1 unit	024
 5TC9 225	**Cover plates for room temperature controllers, direct floor heating**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC9 225**		1	1 unit	024
	• Electrical white (RAL 1013)			A	**5TC9 224**		1	1 unit	024
	• Aluminum metallic (similar to RAL 9006)			A	**5TC9 254**		1	1 unit	024
	• Carbon metallic (similar to RAL 7016)			A	**5TC9 255**		1	1 unit	024
	Inserts	Section	Page						
	Room temperature controllers, direct floor heating	*Functions / Room Temperature Controllers*	14/3	A	**5TC9 203**		1	1 unit	024

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • For stand-alone devices and combinations • For screw fixing • Degree of protection: IP20 • Size of cover plates: 55 mm x 55 mm								
	Note								
	Download the operating and mounting instructions at: http://support.automation.siemens.com/WW/view/en/17738210/133300								
 5WG1 221-2AB11	**UP 221 pushbuttons, single** • For the following functions: - Switching (On/Off, Over) - Sending values - Dimming - Moving shutters/blinds - Adjusting blind slats - Calling up and setting scenes (either 1 or 8 bit) • Wide labeling field • Flat design • Horizontal operation with one pushbutton pair • One LED as an orientation light								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 221-2AB11**		1	1 unit	022
	• Electrical white (RAL 1013)			B	**5WG1 221-2AB01**		1	1 unit	022
	• Aluminum metallic (similar to RAL 9006)			A	**5WG1 221-2AB31**		1	1 unit	022
	• Carbon metallic (similar to RAL 7016)			B	**5WG1 221-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								
 5WG1 221-2EB11	**UP 221E pushbuttons, single, with status LED** • For the following functions: - Switching (On/Off, Over) - Sending values - Dimming - Moving shutters/blinds - Adjusting blind slats - Calling up and setting scenes (either 1 or 8 bit) • Wide labeling field • Flat design • Horizontal operation with one pushbutton pair • One LED for status display or as orientation light								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 221-2EB11**		1	1 unit	022
	• Electrical white (RAL 1013)			B	**5WG1 221-2EB01**		1	1 unit	022
	• Aluminum metallic (similar to RAL 9006)			A	**5WG1 221-2EB31**		1	1 unit	022
	• Carbon metallic (similar to RAL 7016)			B	**5WG1 221-2EB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 222-2AB11	**UP 222 pushbuttons, double** • For the following functions: - Switching (On/Off, Over) - Sending values - Dimming - Moving shutters/blinds - Adjusting blind slats - Calling up and setting scenes (either 1 or 8 bit) • Wide labeling field • Flat design • Horizontal operation with one pushbutton pair • One LED as an orientation light						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5WG1 222-2AB11**		1	1 unit	022
	• Electrical white (RAL 1013)	B	**5WG1 222-2AB01**		1	1 unit	022
	• Aluminum metallic (similar to RAL 9006)	A	**5WG1 222-2AB31**		1	1 unit	022
	• Carbon metallic (similar to RAL 7016)	B	**5WG1 222-2AB21**		1	1 unit	022
	Inserts / Section / Page						
	UP 110 bus coupling units						
	• Mounting depth 27 mm — *Functions / GAMMA Bus Coupling Units* 18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm — *dto.* 18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	Note						
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool						
 5WG1 222-2EB11	**UP 222E pushbuttons, double, with status LED** • For the following functions: - Switching (On/Off, Over) - Sending values - Dimming - Moving shutters/blinds - Adjusting blind slats • Calling up and setting scenes (either 1 or 8 bit) • Wide labeling field • Flat design • Horizontal operation with one pushbutton pair • Two LEDs for status display or as orientation light						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5WG1 222-2EB11**		1	1 unit	022
	• Electrical white (RAL 1013)	B	**5WG1 222-2EB01**		1	1 unit	022
	• Aluminum metallic (similar to RAL 9006)	A	**5WG1 222-2EB31**		1	1 unit	022
	• Carbon metallic (similar to RAL 7016)	B	**5WG1 222-2EB21**		1	1 unit	022
	Inserts / Section / Page						
	UP 110 bus coupling units						
	• Mounting depth 27 mm — *Functions / GAMMA Bus Coupling Units* 18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm — *dto.* 18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	Note						
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool						

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

GAMMA *instabus*

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 223-2AB11	**UP 223 pushbuttons, triple** • For the following functions: - Switching (On/Off, Over) - Sending values - Dimming - Moving shutters/blinds - Adjusting blind slats - Calling up and setting scenes (either 1 or 8 bit) • Wide labeling field • Flat design • Horizontal operation with one pushbutton pair • One LED as an orientation light								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 223-2AB11**		1	1 unit	022
	• Electrical white (RAL 1013)			B	**5WG1 223-2AB01**		1	1 unit	022
	• Aluminum metallic (similar to RAL 9006)			A	**5WG1 223-2AB31**		1	1 unit	022
	• Carbon metallic (similar to RAL 7016)			B	**5WG1 223-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								
 5WG3 140-2HB11	**UP 140 couplers** • Connect the GAMMA *instabus* • The coupler is a special wave pushbutton, which is clipped onto an *instabus* UP 114 bus coupling unit • Transmission is bidirectional • Indications and commands that are received over radio waves are sent on the *instabus* and vice versa • Bus telegrams received over radio waves are forwarded • The pushbutton of the coupler also supports an additional operator function over radio and/or over *instabus* • The coupler is programmed and the radio components are taught using the ETS • Height: 24 mm (incl. spring)								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG3 140-2HB11**		1	1 unit	022
	• Aluminum metallic (similar to RAL 9006)			B	**5WG3 140-2HB31**		1	1 unit	022
	• Carbon metallic (similar to RAL 7016)			C	**5WG3 140-2HB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 114 bus coupling units	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030
 5WG1 237-2AB11	**UP 237 room temperature controllers** • Can be used as a two-position controller or continuous-action controller • For controlling electrothermal or electromotive actuators • 5 LEDs for operating status display • Presence pushbuttons • Rotary button for shifting the basic setpoint • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 237-2AB11**		1	1 unit	022
	• Aluminum metallic (similar to RAL 9006)			A	**5WG1 237-2AB31**		1	1 unit	022
	• Carbon metallic (similar to RAL 7016)			B	**5WG1 237-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 258-2HB11	**UP 258 motion detectors** • Proximity switch for detecting persons • The integrated passive infrared motion sensor (PIR) reacts to temperature changes in its sensing range • Can be used as stand-alone device or for main and secondary mode								
	Versions								
	• Mounting height 1.10 m								
	- Titanium white (similar to RAL 9010)			A	**5WG1 258-2HB11**		1	1 unit	022
	- Aluminum metallic (similar to RAL 9006)			B	**5WG1 258-2HB31**		1	1 unit	022
	- Carbon metallic (similar to RAL 7016)			C	**5WG1 258-2HB21**		1	1 unit	022
	• Mounting height 2.20 m								
	- Titanium white (similar to RAL 9010)			B	**5WG1 258-2HB12**		1	1 unit	022
	- Aluminum metallic (similar to RAL 9006)			B	**5WG1 258-2HB32**		1	1 unit	022
	- Carbon metallic (similar to RAL 7016)			C	**5WG1 258-2HB22**		1	1 unit	022
	Note								
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5wg12582hb11/all								
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
 5WG1 587-2AB11	**UP 587/1 text displays**								
	Versions								
	• Titanium white			A	**5WG1 587-2AB11**		1	1 unit	022
	• Electrical white			B	**5WG1 587-2AB01**		1	1 unit	022
	• Aluminum metallic			A	**5WG1 587-2AB31**		1	1 unit	022
	• Carbon metallic			B	**5WG1 587-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	Bus coupling units (BTM) UP 117/11	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 117-2AB11**		1	1 unit	030
 5WG1 587-2AB12	**UP 587/2 text displays with timer**								
	Versions								
	• Titanium white			A	**5WG1 587-2AB12**		1	1 unit	022
	• Electrical white			B	**5WG1 587-2AB02**		1	1 unit	022
	• Aluminum metallic			A	**5WG1 587-2AB32**		1	1 unit	022
	• Carbon metallic			B	**5WG1 587-2AB22**		1	1 unit	022
	Inserts	Section	Page						
	Bus coupling units (BTM) UP 117/11	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 117-2AB11**		1	1 unit	030
 5WG1 237-2EB11	**UP 237E fan-coil unit controllers for offices**								
	Versions								
	• Titanium white			A	**5WG1 237-2EB11**		1	1 unit	022
	• Aluminum metallic			A	**5WG1 237-2EB31**		1	1 unit	022
	• Carbon metallic			B	**5WG1 237-2EB21**		1	1 unit	022
 5WG1 237-2FB11	**UP 237F fan-coil unit controllers for hotels**								
	Versions								
	• Titanium white			A	**5WG1 237-2FB11**		1	1 unit	022
	• Aluminum metallic			A	**5WG1 237-2FB31**		1	1 unit	022
	• Carbon metallic			B	**5WG1 237-2FB21**		1	1 unit	022

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • Degree of protection: IP20 • Size of cover plates: 55 mm x 55 mm								
 5TG2 563-2	**Cover plates for TAE outlet boxes and loudspeaker outlet boxes**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG2 563-2**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG2 593-2**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG1 256-2**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG1 226-2**		1	1/10 units	021
	Inserts	Section	Page						
	• *TAE 6F+N, black*[1)]	*Functions / Data and Communication Systems*	15/2	A	**5TG2 853**		1	1 unit	021
	• *TAE 3x 6NFN, black*[1)]	*dto.*	15/2	A	**5TG2 480**		1	1 unit	021
	• *TAE 2x 6/6NFF, black*[1)]	*dto.*	15/3	A	**5TG2 854**		1	1 unit	021
	• *UAE 8/6/TAE 6F+N, black*	*dto.*	15/3	A	**5TG2 855**		1	1 unit	021
	• Loudspeaker outlet boxes, single	*dto.*	15/7	A	**5TG2 467-2**		1	1 unit	021
	• Loudspeaker outlet boxes, double	*dto.*	15/7	A	**5TG2 468-2**		1	1 unit	021
	Footnote								
	[1)] Version for Austria on request.								
 5TG1 210	**Cover plates for UAE outlet boxes, Cat.3, single** • For Ackermann inserts, (without central plate) • With 45° inclined outlet								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG1 210**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG1 207**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG1 260**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG1 230**		1	1/10 units	021
 5TG1 211	**Cover plates for UAE outlet boxes, Cat.3, double** • For Ackermann inserts, (without central plate) • With 45° inclined outlet								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG1 211**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG1 208**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG1 261**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG1 231**		1	1/10 units	021
 5TG2 545	**Cover plates for UAE outlet boxes** • For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6) • For Cat.6 inserts from BTR (E-DAT) • With 45° inclined outlet • For single and double • Inclined outlet can be knocked out for 2 × 8 inserts								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG2 545**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG2 543**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG1 257**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG1 227**		1	1/10 units	021
	Inserts	Section	Page						
	• *UAE outlet boxes, Cat.3, Rutenbeck*								
	- *1 x 8-pole*	*Functions / Data and Communication Systems*	15/3	A	**5TG2 417**		1	1 unit	021
	- *2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 406**		1	1 unit	021
	• *UAE outlet boxes, Cat.5e, Rutenbeck*								
	- *1 x 8-pole*	*dto.*	15/3	A	**5TG2 418**		1	1 unit	021
	- *2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 407**		1	1 unit	021
	• *UAE outlet boxes, real Cat.6, Rutenbeck*								
	- *2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 448**		1	1 unit	021
	Note								
	The cover plate for the UAE outlet box can be combined with inserts AMJ45 and UMJ45 Up 0 (without central plate) from Telegärtner								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG2 546	**Cover plates for UAE outlet boxes, with labeling field** • For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6) • For Cat.6 inserts from BTR (E-DAT) • With 45° inclined outlet • For single and double • Inclined outlet can be knocked out for 2 × 8 inserts								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG2 546**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG2 544**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG1 258**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG1 228**		1	1/10 units	021
	Inserts	Section	Page						
	• *UAE outlet boxes, Cat.3, Rutenbeck*								
	- *1 x 8-pole*	*Functions / Data and Communication Systems*	15/3	A	**5TG2 417**		1	1 unit	021
	- *2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 406**		1	1 unit	021
	• *UAE outlet boxes, Cat.5e, Rutenbeck*								
	- *1 x 8-pole*	*dto.*	15/3	A	**5TG2 418**		1	1 unit	021
	- *2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 407**		1	1 unit	021
	• *UAE outlet boxes, real Cat.6, Rutenbeck*								
	- *2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 448**		1	1 unit	021
	Note								
	• The cover plate for the UAE outlet box can be combined with inserts AMJ45 and UMJ45 Up 0 (without central plate) from Telegärtner • Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool								
 5TG2 056	**Cover plates, for Modular Jack support plate** • Cover plates with shutter • For Modular Jack support plates								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG2 056**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG2 057**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006) NEW			A	**5TG2 124**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016) NEW			A	**5TG2 125**		1	1/10 units	021
	Inserts	Section	Page						
	Modular Jack support plates								
	• *Red inserts*	*Functions / Data and Communication Systems*	15/4	A	**5TG2 078**		1	1 unit	021
	• *Black inserts*	*dto.*	15/4	A	**5TG2 080**		1	1/10 units	021
	• *Yellow inserts*	*dto.*	15/4	A	**5TG2 081**		1	1 unit	021
	• *Orange inserts*	*dto.*	15/5	A	**5TG2 082**		1	1 unit	021
	• *Blue inserts*	*dto.*	15/5	A	**5TG2 083**		1	1 unit	021
	• *Brown inserts*	*dto.*	15/5	A	**5TG2 084**		1	1 unit	021
	• *Green inserts*	*dto.*	15/5	A	**5TG2 058**		1	1 unit	021
	• *Beige inserts*	*dto.*	15/6	A	**5TG2 098**		1	1 unit	021
 5TG2 052	**Cover plates with D-subminiature connection, single** • For screw fixing • Plug-in connector with soldered connection								
	Versions								
	• Titanium white (similar to RAL 9010)								
	- 9-pole			A	**5TG2 052**		1	1 unit	021
	- 15-pole			A	**5TG2 053**		1	1 unit	021
	- 25-pole			A	**5TG2 054**		1	1 unit	021
	• Electrical white (RAL 1013)								
	- 9-pole			A	**5TG2 040**		1	1 unit	021
	- 15-pole			A	**5TG2 041**		1	1 unit	021
	- 25-pole			A	**5TG2 042**		1	1 unit	021
 5TG2 068	**Cover plates with BNC connection, double** • With socket contacts • 75 Ω • For screw and claw fixing • Crimp connection								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG2 068**		1	1 unit	021
	• Electrical white (RAL 1013)			A	**5TG2 067**		1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

TV/RF/SAT

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • Degree of protection: IP20 • Size of cover plates: 55 mm x 55 mm								
 5TG2 561	**Cover plates for TV/RF/SAT connection, 2-hole version**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG2 561**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG2 591**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG1 253**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG1 223**		1	1/10 units	021
	Inserts	Section	Page						
	• *Aerial branch-circuit boxes*	*Functions / Data and Communication Systems dto.*	15/2	A	**5TG2 485**		1	1/10 units	021
	• *Aerial through-way boxes/terminal boxes*		15/2	A	**5TG2 484**		1	1/10 units	021
 5TG2 548-2	**Cover plates for TV/RF/SAT connection, 3-hole version**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG2 548-2**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG2 528-2**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG1 252-2**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG1 222-2**		1	1/10 units	021
	**Cover plate, for TV/RF/SAT connection, 4-hole version, symmetrical** • With double SAT connection • For 4-hole antenna sockets, such as those from Hirschman								
	Versions								
	• Titanium white (similar to RAL 9010) NEW			C	**5TG2 565**		1	1/10 units	021
	• Electrical white (RAL 1013) NEW			C	**5TG2 595**		1	1/10 units	021
	**Cover plate, for TV/RF/SAT connection, 4-hole version, unsymmetrical** • With double SAT connection • For 4-hole antenna sockets, such as those from Ankaro or Astro				**On request**				

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Socket outlets for equipotential bonding, double • Size of cover plates: 55 mm x 55 mm • For screw fixing to DIN 42801 • For cables 1 x 6 mm^2 and 4 x 2.5 mm^2 • Screw terminals						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG2 564**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5TG2 594**		1	1/10 units	021
Note						
With angled connector according to DIN 42801.						



5TG2 564

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Module carriers, 1M • For holding one m-system module • For screw fixing						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG2 008**		1	1/20 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5TG2 094**		1	1 unit	021
• Carbon metallic (similar to RAL 7016)	A	**5TG2 096**		1	1 unit	021

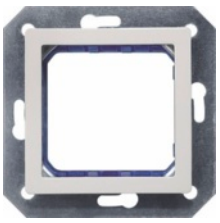
Note	Section	Page (ff.)
For module inserts, see ...	*Design / m-system / Modules for communication*	8/6
	Design / m-system / Other modules	8/7



5TG2 008

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Module carriers, 2M • For holding two m-system modules • For screw fixing						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG2 010**		1	1/20 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5TG2 095**		1	1 unit	021
• Carbon metallic (similar to RAL 7016)	A	**5TG2 097**		1	1 unit	021

Note	Section	Page (ff.)
For module inserts, see ...	*Design / m-system / Modules for communication*	8/6
	Design / m-system / Other modules	8/7



5TG2 010

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

School program

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • Size of rockers: 55 mm x 55 mm • Screw-on rockers, tools required for dismantling • Degree of protection: IP20								
	Note								
	All the screw-on cover plates of the DELTA i-system product range can also be used with the school program								
	Rockers, neutral, with fixing screw								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 261**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG6 291**		1	1/10 units	021
	Inserts	Section	Page						
	• *Universal switches, for school program*	*Functions / Switching/Pushbutton Control/Dimming*	10/3	A	**5TA2 131**		1	1/10 units	021
	• *Intermediate switches, for school program*	*dto.*	10/4	A	**5TA2 132**		1	1/10 units	021
5TG6 261	• *Pushbuttons, 1 NO contact, for school program*	*dto.*	10/9	A	**5TD2 125**		1	1/10 units	021
	Rockers with fixing screw and window								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 260**		1	1/10 units	021
	• Electrical white (RAL 1013)			D	**5TG6 290**		1	1/10 units	021
	Inserts	Section	Page						
	• *Switches with pilot lamp, for ON/OFF switching, for school program*	*Functions / Switching/Pushbutton Control/Dimming*	10/6	A	**5TA2 130**		1	1/10 units	021
	• *Universal switches, for school program*	*dto.*	10/3	A	**5TA2 131**		1	1/10 units	021
	• *Intermediate switches, for school program*	*dto.*	10/4	A	**5TA2 132**		1	1/10 units	021
5TG6 260	• *Pushbuttons, 1 NO contact, for school program*	*dto.*	10/9	A	**5TD2 125**		1	1/10 units	021
	Rockers, double, neutral, with fixing screws								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 265**		1	1/10 units	021
	• Electrical white (RAL 1013)			D	**5TG6 295**		1	1/10 units	021
	Inserts	Section	Page						
	Two-circuit switches for school program	*Functions / Switching/Pushbutton Control/Dimming*	10/8	A	**5TA2 128**		1	1/10 units	021
5TG6 265									
	Rockers with fixing screw, "Light" symbol and window								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG6 266**		1	1/10 units	021
	• Electrical white (RAL 1013)			D	**5TG6 296**		1	1/10 units	021
	Inserts	Section	Page						
	• *Pushbuttons, 1 NO contact, for school program*	*Functions / Switching/Pushbutton Control/Dimming*	10/9	A	**5TD2 125**		1	1/10 units	021
	• *Switches with pilot lamp, for ON/OFF switching, for school program*	*dto.*	10/6	A	**5TA2 130**		1	1/10 units	021
	• *Universal switches, for school program*	*dto.*	10/3	A	**5TA2 131**		1	1/10 units	021
5TG6 266	• *Intermediate switches, for school program*	*dto.*	10/4	A	**5TA2 132**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

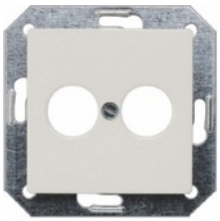
Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For screw and claw fixing • Degree of protection: IP20 • Size of cover plates: 55 mm x 55 mm						
 5TG2 558 **Blanking cover plates** Including supporting frame Versions						
• Titanium white (RAL 9010)	A	**5TG2 558**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5TG2 588**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5TG1 250**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)	A	**5TG1 220**		1	1/10 units	021
Note: The blanking cover plate can also be used with the *UP 141 repeater wave insert* (5WG3 141-2AB01), see ... — Section: *Remote Control Systems/GAMMA wave - The Multifunctional Radio System/Inserts* — Page: 16/5						
 5TG2 566 **Outlet plates** Including supporting frame with strain relief Versions						
• Titanium white (RAL 9010)	A	**5TG2 566**		1	1/10 units	021
• Electrical white (RAL 1013)	A	**5TG2 596**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)	A	**5TG1 251**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)	A	**5TG1 221**		1	1/10 units	021
 5TG9 880-3 **LED light signals** • Supply voltage 90 ... 240 V AC, 50/60 Hz • Power consumption: 1 W • Can be fitted horizontally or vertically • Opaque-white Versions						
• White, illuminated	A	**5TG9 880-3**		1	1 unit	021
• Blue, illuminated	A	**5TG9 880-4**		1	1 unit	021
• Red, illuminated	A	**5TG9 880-5**		1	1 unit	021
• Green, illuminated	A	**5TG9 880-6**		1	1 unit	021
Note: • For module carriers for DELTA line, DELTA vita and DELTA miro, see ... — Section: *Design / m-system / Module carriers for DELTA line, DELTA vita and DELTA miro* — Page: 8/4 • Module carriers for DELTA profil, see ... — *Design / m-system / Module carriers for the DELTA profil* — 8/5 • For module carriers for DELTA style, see ... — *Design / m-system / Module carriers for DELTA style* — 8/5 • For Technical specifications, see ... — *Technical information / m-system / LED light signals* — 19/67						
 5TD2 813 **Light signals** • 250 V AC • With 5TG7 301 glow lamp • With red window Versions						
• Titanium white (RAL 9010)	A	**5TD2 813**		1	1 unit	021
• Electrical white (RAL 1013)	A	**5TD2 814**		1	1 unit	021
• Aluminum metallic (similar to RAL 9006)	A	**5TD2 866**		1	1 unit	021
• Carbon metallic (similar to RAL 7016)	A	**5TD2 865**		1	1 unit	021
Note: • *For spare window sets*, see ... — Section: *Accessories and spare parts* — Page: 1/45	A	**5TG4 200**		1	1/10 sets	021
• For further light signal versions, see ... — *Design / m-system / Other modules / LED light signals* — 8/7						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

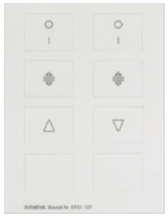
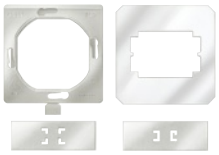
Add-on devices

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG2 567	**Cover plates for flush-mounting control devices** For screw fixing						
	Versions						
	• Titanium white (similar to RAL 9010)						
	- For 18.5 mm Ø	A	**5TG2 567**		1	1/10 units	021
	- For 22.5 mm Ø (DIN 43696)	A	**5TG2 568**		1	1/10 units	021
	• Electrical white (RAL 1013)						
	- For 18.5 mm Ø	A	**5TG2 597**		1	1/10 units	021
	- For 22.5 mm Ø (DIN 43696)	A	**5TG2 598**		1	1/10 units	021
	• Yellow (similar to RAL 1018)						
	- For 18.5 mm Ø		**On request**				
	- For 22.5 mm Ø (DIN 43696)	A	**5TG2 908-2X**			1/10 units	021
	Note: EMERGENCY-STOP pushbutton, see ... — Section: *Automation Technology / Industrial Switchgear / Control and Signaling Devices / Pushbuttons and LEDs* — Page: --						
 5TG2 577	**Cover plates for subminiature connectors** • Acc. to DIN 41524/41529 • Acc. to DIN 45322/45325/45326/45327/45328/45329						
	Versions						
	• Titanium white (RAL 9010)	A	**5TG2 577**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5TG2 547**		1	1/10 units	021
 5TT1 011	**Time switches** • 250 V AC/16 A • 2-pole switched • For screw fixing • Runtime: 15 min						
	Versions						
	• Titanium white (RAL 9010)	A	**5TT1 011**		1	1 unit	027
	• Electrical white (RAL 1013)	B	**5TT1 012**		1	1 unit	027
 5TG4 815	**Volume control** • 3 W, 27 Ω, mono • For loudspeaker systems						
	Versions						
	• Titanium white (RAL 9010)	A	**5TG4 815**		1	1 unit	021
	• Electrical white (RAL 1013)	A	**5TG4 823**		1	1 unit	021
 5TC8 924	**Cover plates for speed regulating rheostats**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TC8 924**		1	1/10 units	024
	• Electrical white (RAL 1013)	A	**5TC8 925**		1	1/10 units	024
	Symbol:  — Inserts: *Speed regulating rheostats, 0.1 to 2.6 A* — Section: *Functions / Switching/ Pushbutton Control/ Dimming* — Page: 10/17	A	**5TC8 604**		1	1 unit	024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

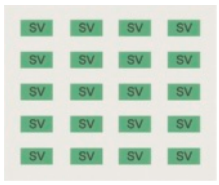
Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories for rockers							
 5TG1 136	**Sheets of pictographs, for single rockers with labeling field**	A	**5TG1 136**		1	1 unit	021
 5TG1 137	**Sheets of pictographs, for double rockers with labeling field**	A	**5TG1 137**		1	1 unit	021
 5TG1 138	**Labeling field inserts "Heating Emergency Switch"** (inscription in German) for rockers with labeling field	A	**5TG1 138**		1	1 unit	021
 5TG4 324	**IP44 sets of seals for rockers** • For single or double rockers • One set contains four insert seals	A	**5TG4 324**		1	1/10 sets	021
 5TG7 315	**LED light inserts, for switch and pushbutton inserts** For all rockers with windows						
	Fluorescent color / Rated voltage / Power consumption in mA						
	• Red, 1.5 V DC, 2	A	**5TG7 318**		1	1/10 units	021
	• Red, 8 V AC, 2	A	**5TG7 315**		1	1/10 units	021
	• Red, 12 V AC, 2	A	**5TG7 316**		1	1/10 units	021
	• Red, 24 V AC, 2	A	**5TG7 317**		1	1/10 units	021
	• Red, 230 V AC, 1	A	**5TG7 353**		1	1/10 units	021
	• Orange - Normal, 230 V AC, 0.9	A	**5TG7 333**		1	1/10 units	021
	• Orange - Strong, 230 V AC, 1.0	A	**5TG7 343**		1	1/10 units	021
	• White, 230 V AC, 1.1	A	**5TG7 354**		1	1/10 units	021
	• Blue, 230 V AC, 1.1	A	**5TG7 355**		1	1/10 units	021
	Note • The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already. • If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.						
 5TG7 321	**Glow lamps for switch and pushbutton inserts** 230 V AC						
	Luminosity / Power consumption / Base color						
	Weak / 0.18 mA / White	A	**5TG7 321**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Accessories and spare parts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories for socket outlets							
 5TG4 318	**IP44 seals, for socket outlets** • For SCHUKO® socket outlet with hinge switch • 1 set contains a single seal	A	**5TG4 318**		1	1/10 sets	021
 5UH1 084	**Label sheets "SV"** • For marking the inserts • 1 sheet contains 20 self-adhesive labels	A	**5UH1 084**		1	1 unit	021
 5UH1 085	**Label sheets "ZSV"** • For marking the inserts • 1 sheet contains 20 self-adhesive labels	A	**5UH1 085**		1	1 unit	021
 5UH1 086	**Label sheets "WSV"** • For marking the inserts • 1 sheet contains 20 self-adhesive labels	A	**5UH1 086**		1	1 unit	021
Accessories for dimmers							
 5TG8 302	**Spare fuses** 250 V						
	Versions						
	• T 1.6 H 250 V - For incandescent lamp dimmers, 50 ... 400 W (5TC8 256) - For sensor dimmers, with/without memory function, 20 ... 400 W (5TC8 240/5TC8 232)	A	**5TG8 302**		1	1/10 units	024
	• T 2.5 H 250 V - For incandescent lamp dimmers, 50 ... 600 W (5TC8 257)	A	**5TG8 305**		1	1/10 units	024
	• T 4 H 250 V - For low-voltage dimmers for magnetic transformers (5TC8 283) - For electronic potentiometers (5TC8 424 and 5TC8 420) - For speed regulating rheostats (5TC8 604)	A	**5TG8 330**		1	1/10 units	024
Accessories for shutter/blind controls							
 5TC1 526	**Sun sensors** • With 2-m connecting cable (extendable to 10 m with J-Y(St)Y 2 x 2 x 0.6 mm) • In combination with the *Comfort shutter/blind control,* the sun sensor can be used for sun protection and twilight functions	A	**5TC1 526**		1	1 unit	024

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Comfort shutter/blind controls*	19/54

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Spare parts							
 5TG7 301	**Spare glow lamps for light signals** 250 V AC	A	**5TG7 301**		1	1/10 units	021
 5TG7 304	**Spare glow lamps for SCHUKO® socket outlets with status display** 1.5 mA, 230 V AC/50 Hz	A	**5TG7 304**		1	1/10 units	021
 5UH1 300	**Spare overvoltage protection modules** For SCHUKO® socket outlets with overvoltage protection	A	**5UH1 300**		1	1 unit	021
 5TG4 200	**Spare window sets for light signals and for switch and pushbutton inserts** 1 set contains two glass clear, two red and two white spare windows	A	**5TG4 200**		1	1/10 sets	021

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection*	19/15

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

i-system

Notes

© Siemens AG 2011



2/2 Introduction
2/5 Frames
2/7 Socket outlets
2/8 Surface-mounting enclosures
2/9 Accessories and spare parts

© Siemens AG 2011

Introduction

Overview

Colors and designs of the DELTA line product range



Titanium white



Electrical white



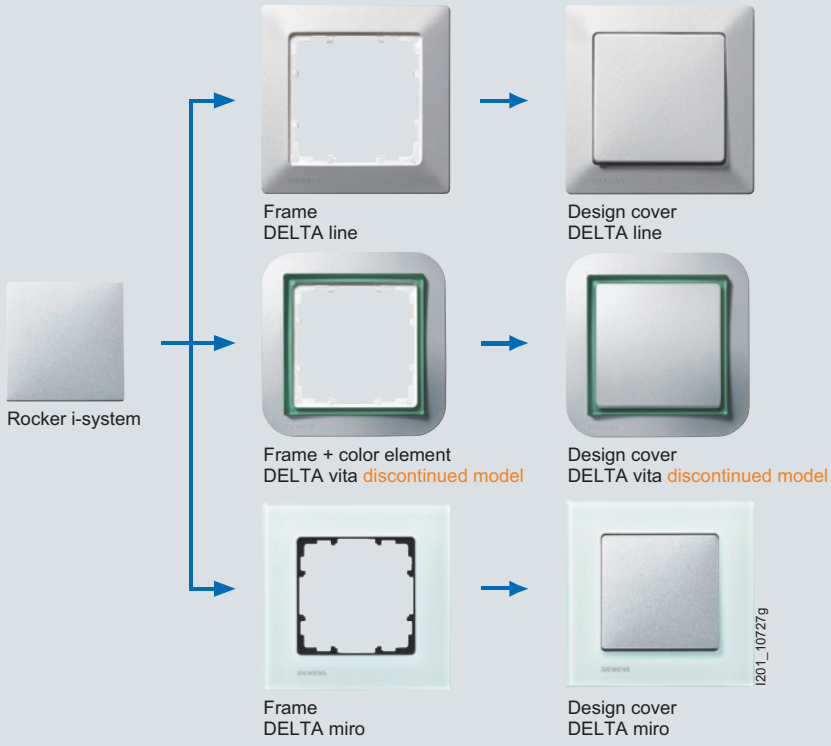
Aluminum metallic



Carbon metallic

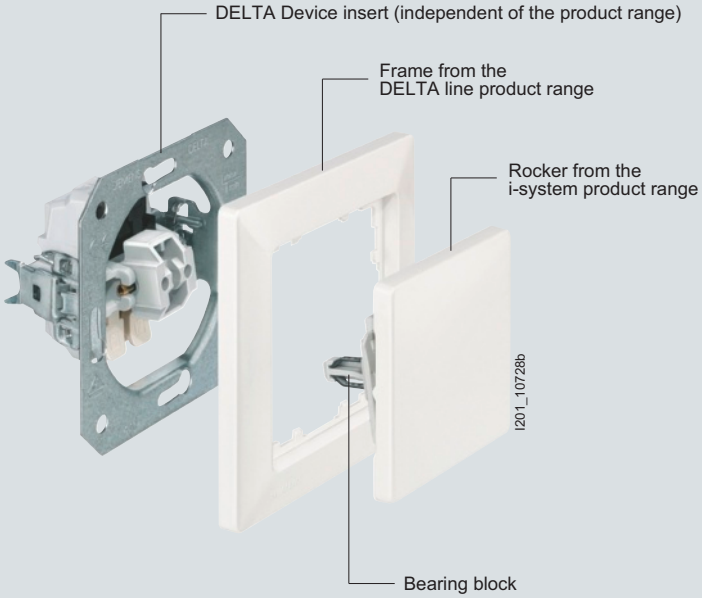
© Siemens AG 2011

Modular components of the i-system with DELTA line, DELTA vita and DELTA miro



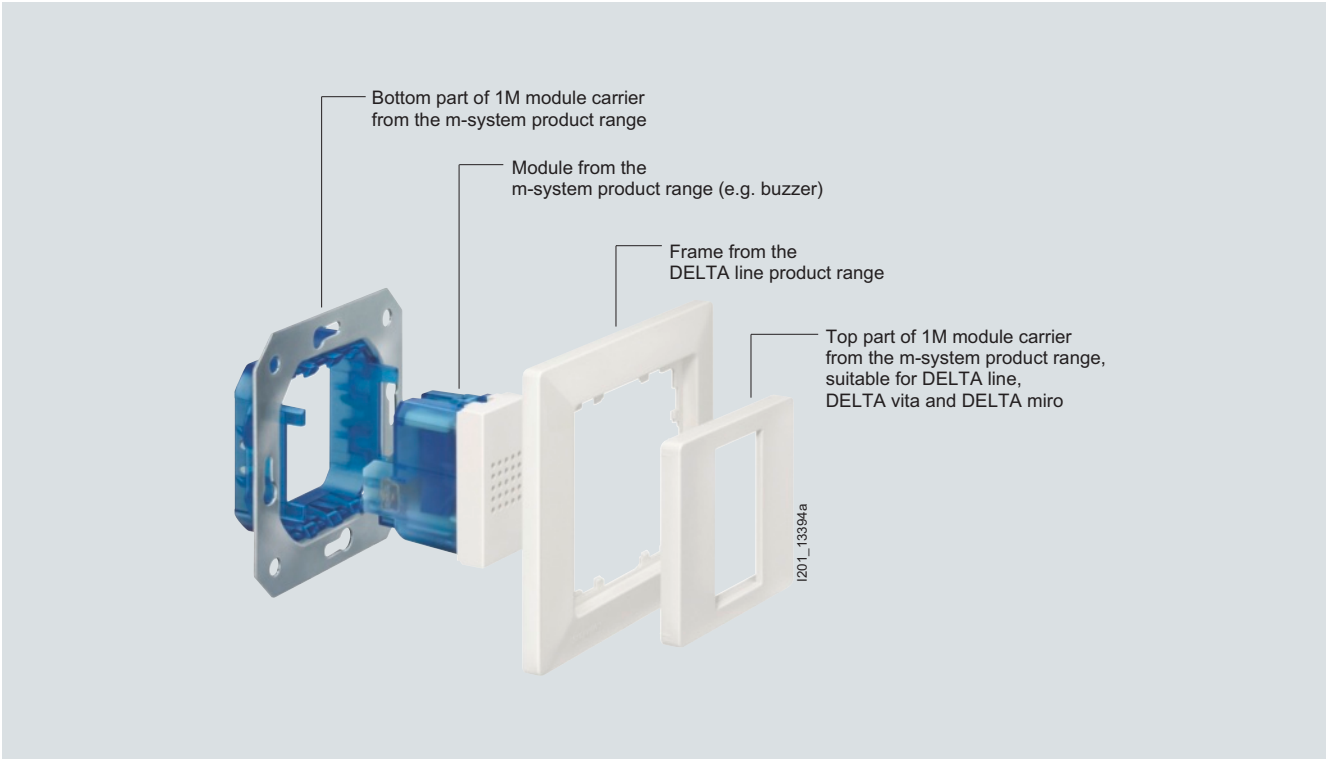
Technical design of the DELTA line product range

Note: The frames of the DELTA line product range can be combined with all central inserts and cover plates of the i-system product range.

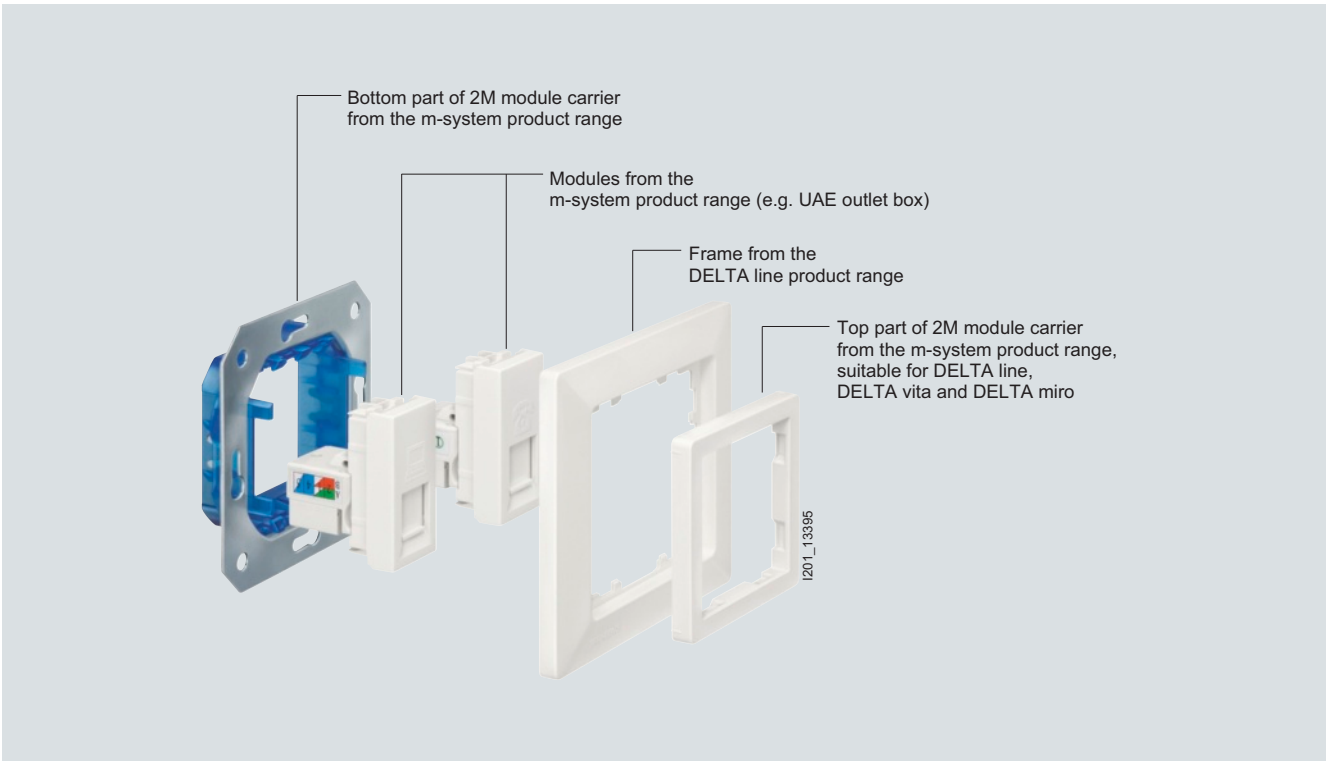


Modular components of the i-system with DELTA line

© Siemens AG 2011



Modular components of m-system (one module) with DELTA line

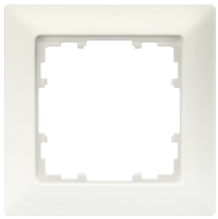


Modular components of m-system (two modules) with DELTA line

© Siemens AG 2011

Selection and ordering data

Version				DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For horizontal and vertical mounting • Degree of protection: IP20									
Note	Section		Page						
• All components of the i-system product range can be used as central inserts and cover plates, see ...	*Design / i-system*		1/2						
• Degree of protection IP44 for rockers can be achieved with the *IP44 set of seals, for rockers*, see ...	*Design / i-system / Accessories and spare parts*		1/43	A	**5TG4 324**		1	1/10 sets	021
Frames, 80 mm									
Versions									
• Titanium white (similar to RAL 9010)									
- Single, 80 mm x 80 mm				A	**5TG2 551-0**		1	1/10 units	021
- Double, 151 mm x 80 mm				A	**5TG2 552-0**		1	1/10 units	021
- Triple, 222 mm x 80 mm				A	**5TG2 553-0**		1	1/10 units	021
- Quadruple, 293 mm x 80 mm				A	**5TG2 554-0**		1	1/10 units	021
- Quintuple, 364 mm x 80 mm				A	**5TG2 555-0**		1	1/5 units	021
• Electrical white (RAL 1013)									
- Single, 80 mm x 80 mm				A	**5TG2 581-0**		1	1/10 units	021
- Double, 151 mm x 80 mm				A	**5TG2 582-0**		1	1/10 units	021
- Triple, 222 mm x 80 mm				A	**5TG2 583-0**		1	1/10 units	021
- Quadruple, 293 mm x 80 mm				A	**5TG2 584-0**		1	1/10 units	021
- Quintuple, 364 mm x 80 mm				A	**5TG2 585-0**		1	1/5 units	021
• Aluminum metallic (similar to RAL 9006)									
- Single, 80 mm x 80 mm				A	**5TG2 551-3**		1	1/10 units	021
- Double, 151 mm x 80 mm				A	**5TG2 552-3**		1	1/10 units	021
- Triple, 222 mm x 80 mm				A	**5TG2 553-3**		1	1/10 units	021
- Quadruple, 293 mm x 80 mm				A	**5TG2 554-3**		1	1/10 units	021
- Quintuple, 364 mm x 80 mm				A	**5TG2 555-3**		1	1/5 units	021
• Carbon metallic (similar to RAL 7016)									
- Single, 80 mm x 80 mm				A	**5TG2 551-6**		1	1/10 units	021
- Double, 151 mm x 80 mm				A	**5TG2 552-6**		1	1/10 units	021
- Triple, 222 mm x 80 mm				A	**5TG2 553-6**		1	1/10 units	021
- Quadruple, 293 mm x 80 mm				A	**5TG2 554-6**		1	1/10 units	021
- Quintuple, 364 mm x 80 mm				A	**5TG2 555-6**		1	1/5 units	021
Frames, 80 mm, with labeling field									
Versions									
• Titanium white (similar to RAL 9010)									
- Single, 80 mm x 80 mm				A	**5TG2 551-1**		1	1/10 units	021
- Double, 151 mm x 80 mm, horizontal				A	**5TG2 552-1**		1	1/10 units	021
- Double, 151 mm x 80 mm, vertical				A	**5TG2 552-2**		1	1/10 units	021
- Triple, 222 mm x 80 mm, horizontal				A	**5TG2 553-1**		1	1/10 units	021
- Triple, 222 mm x 80 mm, vertical				A	**5TG2 553-2**		1	1/10 units	021
- Quadruple, 293 mm x 80 mm, horizontal				A	**5TG2 554-1**		1	1/10 units	021
- Quadruple, 293 mm x 80 mm, vertical				A	**5TG2 554-2**		1	1/10 units	021
• Electrical white (RAL 1013)									
- Single, 80 mm x 80 mm				A	**5TG2 581-1**		1	1/10 units	021
- Double, 151 mm x 80 mm, horizontal				A	**5TG2 582-1**		1	1/10 units	021
- Double, 151 mm x 80 mm, vertical				A	**5TG2 582-2**		1	1/10 units	021
- Triple, 222 mm x 80 mm, horizontal				A	**5TG2 583-1**		1	1/10 units	021
- Triple, 222 mm x 80 mm, vertical				A	**5TG2 583-2**		1	1/10 units	021
- Quadruple, 293 mm x 80 mm, horizontal				A	**5TG2 584-1**		1	1/10 units	021
- Quadruple, 293 mm x 80 mm, vertical				A	**5TG2 584-2**		1	1/10 units	021
• Aluminum metallic (similar to RAL 9006)									
- Single, 80 mm x 80 mm				A	**5TG2 551-4**		1	1/10 units	021
- Double, 151 mm x 80 mm, horizontal				A	**5TG2 552-4**		1	1/10 units	021
- Double, 151 mm x 80 mm, vertical				A	**5TG2 552-5**		1	1/10 units	021
• Carbon metallic (similar to RAL 7016)									
- Single, 80 mm x 80 mm				A	**5TG2 551-7**		1	1/10 units	021
- Double, 151 mm x 80 mm, horizontal				A	**5TG2 552-7**		1	1/10 units	021
- Double, 151 mm x 80 mm, vertical				A	**5TG2 552-8**		1	1/10 units	021
Note									
Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool									



5TG2 551-0



5TG2 551-1

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG2 557	**Intermediate frames** For installation of devices with cover plates 51 mm x 51 mm according to DIN 49075						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG2 557**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5TG2 587**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)	A	**5TG1 160**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)	A	**5TG1 150**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • For screw and claw fixing • SCHUKO® socket outlets: 16 A, 250 V AC; 10 A, 250 V AC • Live parts of inserts covered by molded plastic • Self-retracting claws • The screwless terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm² • Degree of protection: IP20						
	Note: For extension claws, see ... — Section: *Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts* — Page: 10/19						
 5UB1 580	**SCHUKO® socket outlets, 80 mm x 80 mm** Complete assembly, therefore no additional frame necessary						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 580**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5UB1 581**		1	1/10 units	021
 5UB1 582	**SCHUKO® socket outlets, 80 mm x 80 mm, with increased touch protection** Complete assembly, therefore no additional frame necessary						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 582**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5UB1 583**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For horizontal and vertical mounting • Degree of protection: IP20						
Note / Section / Page						
• Degree of protection IP44 for rockers can be achieved with the *IP44 set of seals, for rockers*, see ... — *Design / i-system / Accessories and spare parts* — 1/43	A	**5TG4 324**		1	1/10 sets	021
• Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an *IP44 seal, for socket outlets*, see ... — *Design / i-system / Accessories and spare parts* — 1/44	A	**5TG4 318**		1	1/10 sets	021
Surface-mounting enclosures Flame-resistant base plate						
Versions						
• Titanium white (similar to RAL 9010)						
- Single, 84 mm x 84 mm x 42.5 mm	A	**5TG2 901**		1	1/5 units	021
- Double, 155 mm x 84 mm x 42.5 mm	A	**5TG2 902**		1	1/3 units	021
- Triple, 226 mm x 84 mm x 42.5 mm	A	**5TG2 903**		1	1/2 units	021
• Electrical white (RAL 1013)						
- Single, 84 mm x 84 mm x 42.5 mm	A	**5TG2 861**		1	1/5 units	021
- Double, 155 mm x 84 mm x 42.5 mm	A	**5TG2 862**		1	1/3 units	021
- Triple, 226 mm x 84 mm x 42.5 mm	A	**5TG2 863**		1	1/2 units	021
Note						
The PE conductor can be looped through by inserting a WAGO 2-conductor junction box terminal (WAGO order number: 273-252) in the pocket provided for this purpose in the base plate.						
Included in delivery (in the relevant color):						

Type	Dummy nipple	Slide nipple cable entry	Slide nipple channel entry
Single	2 unit	1 unit	1 unit
Double	4 unit	1 unit	1 unit
Triple	4 unit	1 unit	1 unit

Accessories	Section	Page					
• *Slide nipples cable entry* (one set contains 10 units)							
- Titanium white (similar to RAL 9010)	*Accessories and spare parts*	2/9	A	**5TG2 905**		1	1 set 021
- Electrical white (RAL 1013)	*dto.*	2/9	A	**5TG2 865**		1	1 set 021
• *Slide nipples channel entry* (one set contains 10 units)							
- Titanium white (similar to RAL 9010)	*dto.*	2/9	A	**5TG2 904**		1	1 set 021
- Electrical white (RAL 1013)	*dto.*	2/9	A	**5TG2 864**		1	1 set 021



5TG2 901

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories for surface-mounting enclosures							
 5TG2 905	**Slide nipples cable entry** One set contains 10 units						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG2 905**		1	1 set	021
	• Electrical white (RAL 1013)	A	**5TG2 865**		1	1 set	021
 5TG2 904	**Slide nipples channel entry** • For 15 mm x 15 mm to 19 mm x 19 mm • One set contains 10 units						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG2 904**		1	1 set	021
	• Electrical white (RAL 1013)	A	**5TG2 864**		1	1 set	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Notes

© Siemens AG 2011

DELTA vita
Products to be discontinued



3/2 Introduction
3/6 Frames
3/7 Color elements

© Siemens AG 2011

design award winner 2002

Overview

Colors and designs of the DELTA vita product range



Titanium white/red/titanium white



Aluminum metallic/green/ aluminum metallic



Carbon metallic/chrome/ carbon metallic



Gold/gold/titanium white



Color elements
Platinum/chrome/gold/dark red/dark blue/ green/red/blue/orange/yellow/titanium white

© Siemens AG 2011

DELTA vita Products to be discontinued

Color combination examples from the DELTA vita product range


Titanium white


Titanium white/yellow


Titanium white/red


Titanium white/gold


Titanium white/green


Titanium white/orange


Titanium white/blue


Titanium white/dark red

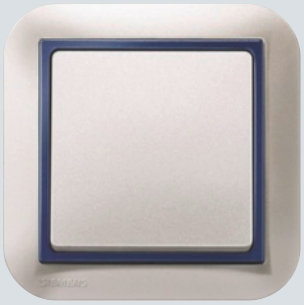

Titanium white/dark blue


Titanium white/platinum


Titanium white/chrome


Aluminum metallic/green


Aluminum metallic/orange


Aluminum metallic/dark blue


Carbon metallic/chrome


Carbon metallic/platinum


Gold/titanium white

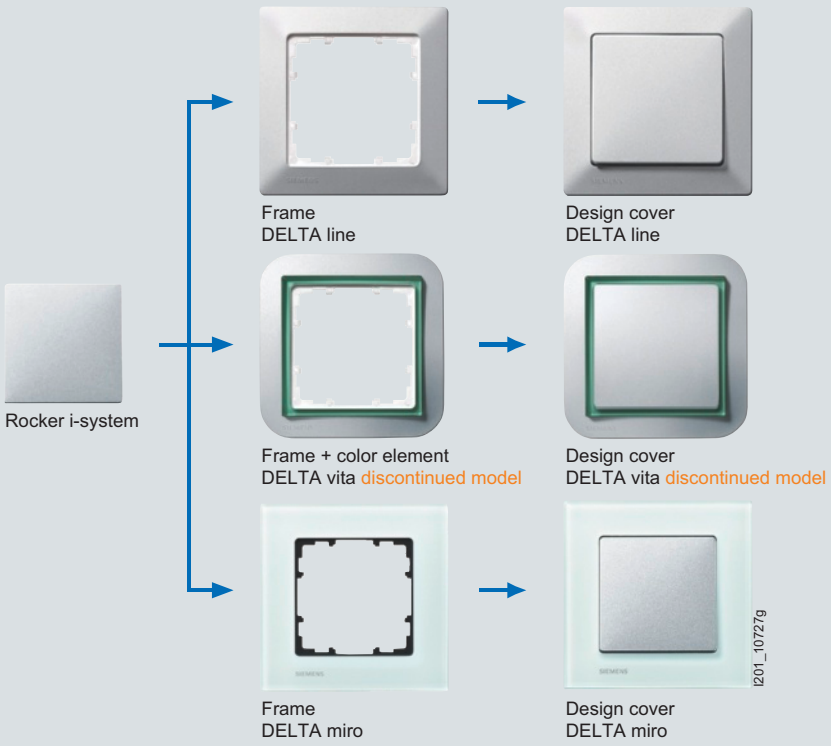

Gold/titanium white

© Siemens AG 2011

design award winner 2002

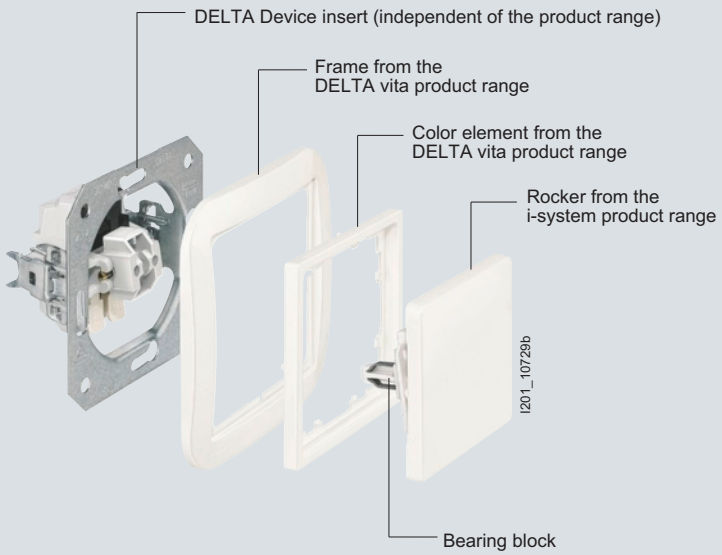
Introduction

Modular components of the i-system with DELTA line, DELTA vita and DELTA miro



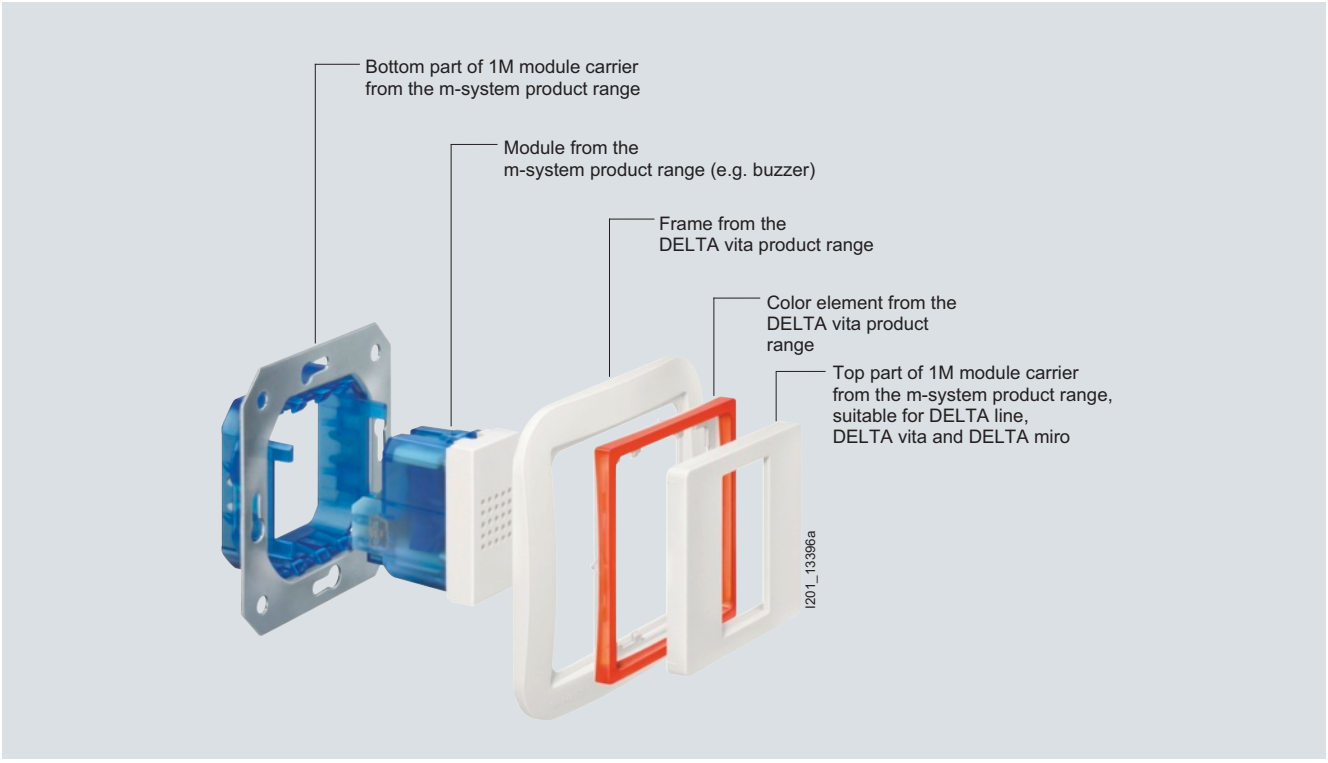
Technical design of the DELTA vita product range

Note: The frames of the DELTA vita product range can be combined with all central inserts and cover plates of the i-system product range.

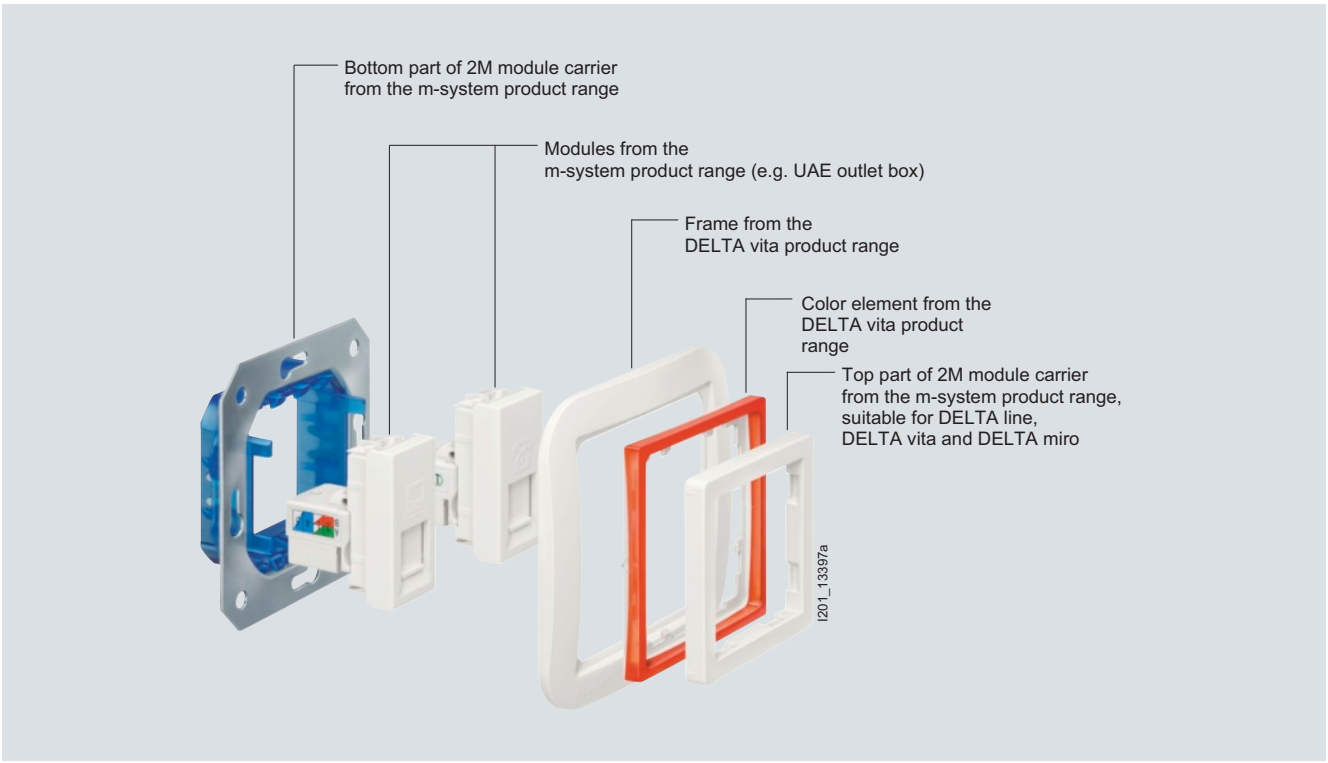


Modular components of the i-system with DELTA vita

© Siemens AG 2011



Modular components of m-system (one module) with DELTA vita



Modular components of m-system (two modules) with DELTA vita

© Siemens AG 2011

design award winner 2002

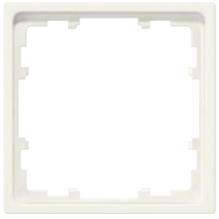
Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • For horizontal and vertical mounting • Degree of protection: IP20						
	Note / Section / Page						
	• Frames can only be used together with color elements, see ... *Color elements* 3/7						
	• All components of the i-system product range can be used as central inserts and cover plates, see ... *Design / i-system* 1/2						
	• Degree of protection IP44 for rockers can be achieved with the *IP44 set of seals, for rockers,* see ... *Design / i-system / Accessories and spare parts* 1/43	A	**5TG4 324**		1	1/10 sets	021
	• Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an *IP44 seal, for socket outlets,* see ... *Design / i-system / Accessories and spare parts* 1/44	A	**5TG4 318**		1	1/10 sets	021
 5TG1 141	**Frames, 83 mm**						
	Versions						
	• Titanium white (similar to RAL 9010)						
	- Single, 83 mm x 83 mm	A	**5TG1 141**		1	1/10 units	021
	- Double, 154 mm x 83 mm	A	**5TG1 142**		1	1/10 units	021
	- Triple, 225 mm x 83 mm	A	**5TG1 143**		1	1/10 units	021
	- Quadruple, 296 mm x 83 mm	A	**5TG1 144**		1	1/10 units	021
	- Quintuple, 367 mm x 83 mm	A	**5TG1 145**		1	1/5 units	021
	• Aluminum metallic (similar to RAL 9006)						
	- Single, 83 mm x 83 mm	A	**5TG1 161**		1	1/10 units	021
	- Double, 154 mm x 83 mm	A	**5TG1 162**		1	1/10 units	021
	- Triple, 225 mm x 83 mm	A	**5TG1 163**		1	1/10 units	021
	- Quadruple, 296 mm x 83 mm	A	**5TG1 164**		1	1/10 units	021
	- Quintuple, 367 mm x 83 mm	A	**5TG1 165**		1	1/5 units	021
	• Carbon metallic (similar to RAL 7016)						
	- Single, 83 mm x 83 mm	A	**5TG1 151**		1	1/10 units	021
	- Double, 154 mm x 83 mm	A	**5TG1 152**		1	1/10 units	021
	- Triple, 225 mm x 83 mm	A	**5TG1 153**		1	1/10 units	021
	- Quadruple, 296 mm x 83 mm	A	**5TG1 154**		1	1/10 units	021
	- Quintuple, 367 mm x 83 mm	A	**5TG1 155**		1	1/5 units	021
	• Gold (similar to RAL 1036)						
	- Single, 83 mm x 83 mm	A	**5TG1 171**		1	1/10 units	021
	- Double, 154 mm x 83 mm	A	**5TG1 172**		1	1/10 units	021
	- Triple, 225 mm x 83 mm	A	**5TG1 173**		1	1/10 units	021
	- Quadruple, 296 mm x 83 mm	A	**5TG1 174**		1	1/10 units	021
	- Quintuple, 367 mm x 83 mm	A	**5TG1 175**		1	1/5 units	021
 5TG2 557	**Intermediate frames** • For installation of devices with cover plates • 51 mm x 51 mm according to DIN 49075						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG2 557**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)	A	**5TG1 160**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)	A	**5TG1 150**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information						
	Note / Section / Page						
	• Color elements can only be used together with frames, see ... *Frames* 3/6						
	• All components of the i-system product range can be used as central inserts and cover plates, see ... *Design / i-system* 1/2						
 5TG1 178	**Color elements** • Size of color elements: 62 mm x 62 mm • For inserting in the frame						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG1 178**		1	1/10 units	021
	• Yellow (similar to RAL 1021)	A	**5TG1 188-1**		1	1/10 units	021
	• Green (translucent)	A	**5TG1 182**		1	1/10 units	021
	• Orange (translucent)	A	**5TG1 183**		1	1/10 units	021
	• Red (translucent)	A	**5TG1 184**		1	1/10 units	021
	• Blue (translucent)	A	**5TG1 185**		1	1/10 units	021
	• Dark red (painted)	A	**5TG1 186**		1	1/10 units	021
	• Dark blue (painted)	A	**5TG1 187**		1	1/10 units	021
	• Platinum (galvanized, matt)	A	**5TG1 177**		1	1/10 units	021
	• Chrome (galvanized; polished)	A	**5TG1 181**		1	1/10 units	021
	• Gold (galvanized; polished)	A	**5TG1 180**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

design award
winner
2002

Notes

© Siemens AG 2011



4/2 **Introduction**

4/6 **Frames**

4/9 **Complete assemblies in a gift box**

4/10 **Flush-mounting radios**

© Siemens AG 2011

Introduction

Overview

Colors and designs of the DELTA miro product range

DELTA miro Artist, Tom's Drag design
Hand-painted artist collection


Titanium white


Carbon metallic


Amber


Piano black


Chilly

The exclusive artist collection DELTA miro artist is the new highlight in the design program DELTA miro. The artist collection "Tom's Drag" was developed by the popular pop-art artist Tom Hoffmann. Every single handmade object was created with loving care and has a unique charisma of it's own. That makes every switch a piece of art. The program can be completed with classy switches in the same design made of glass, wood, aluminum or plastic.

www.tomscompany.com

DELTA miro glass
Real glass


Crystal green/aluminum metallic


White/titanium white


Black/aluminum metallic


Orient/carbon metallic


Arena/electrical white

DELTA miro aluminum
Real aluminum


Natural/aluminum metallic


Titanium/carbon metallic


Graphite/titanium white


Yellow oxide/electrical white

© Siemens AG 2011

DELTA miro wood
Materials made of real wood



Maple red/aluminum metallic



Maple/titanium white



Beech[1)]/ carbon metallic



Cherry[1)]/ aluminum metallic



Wenge/aluminum metallic

DELTA miro color
Plastic



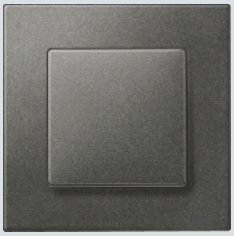
Titanium white/ titanium white



Electrical white/ electrical white NEW



Aluminum metallic/ aluminum metallic



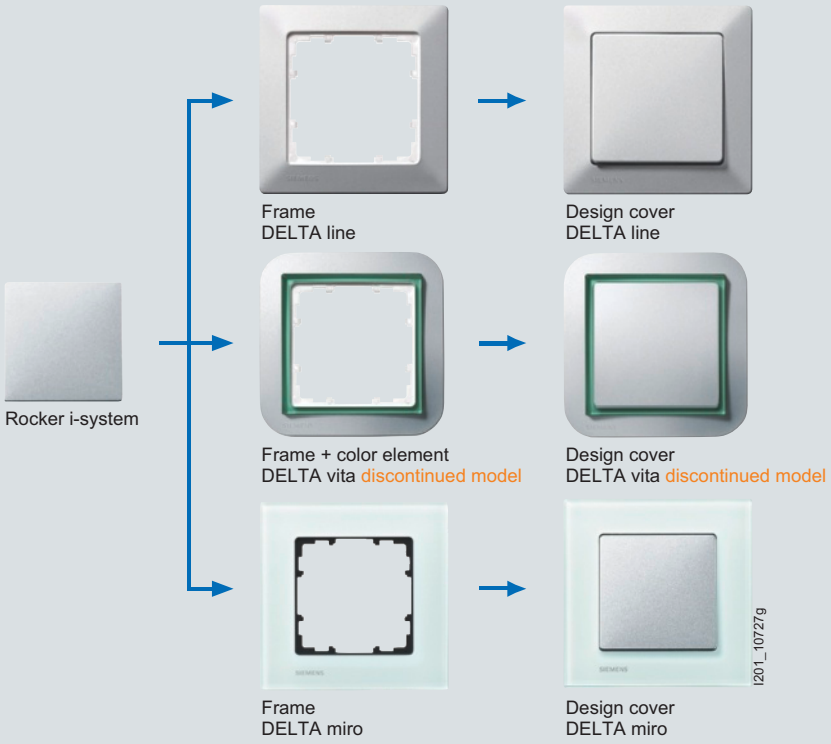
Carbon metallic/ carbon metallic

[1)] Color achieved through staining.

© Siemens AG 2011

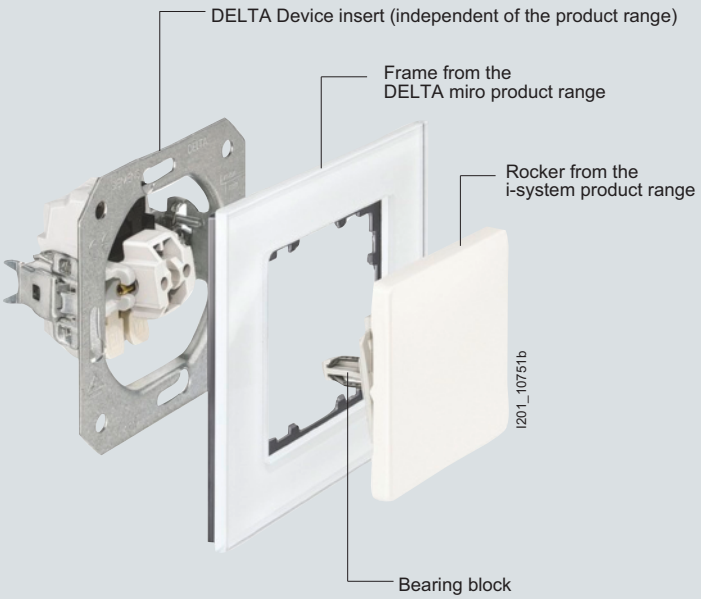
Introduction

Modular components of the i-system with DELTA line, DELTA vita and DELTA miro



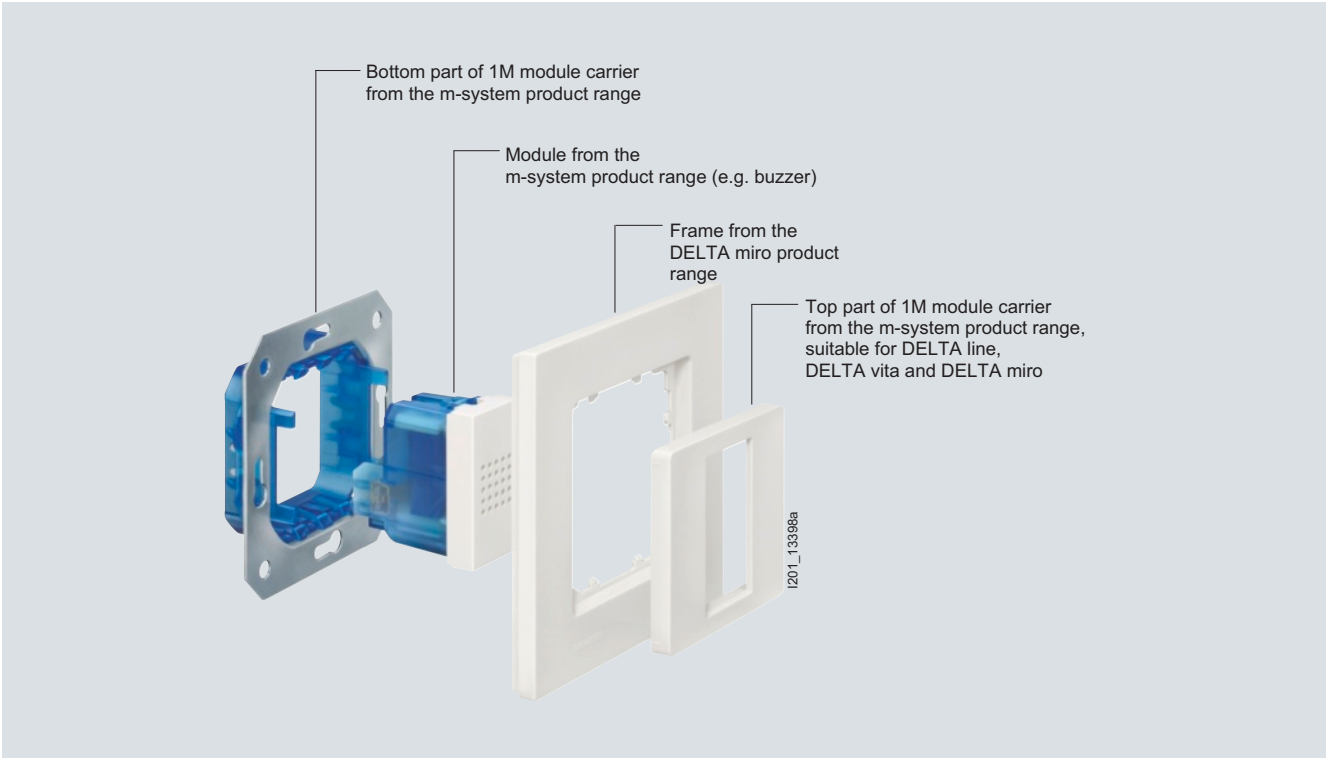
Technical design of the DELTA miro product range

Note: The frames of the DELTA miro product range can be combined with all central inserts and cover plates of the i-system product range.

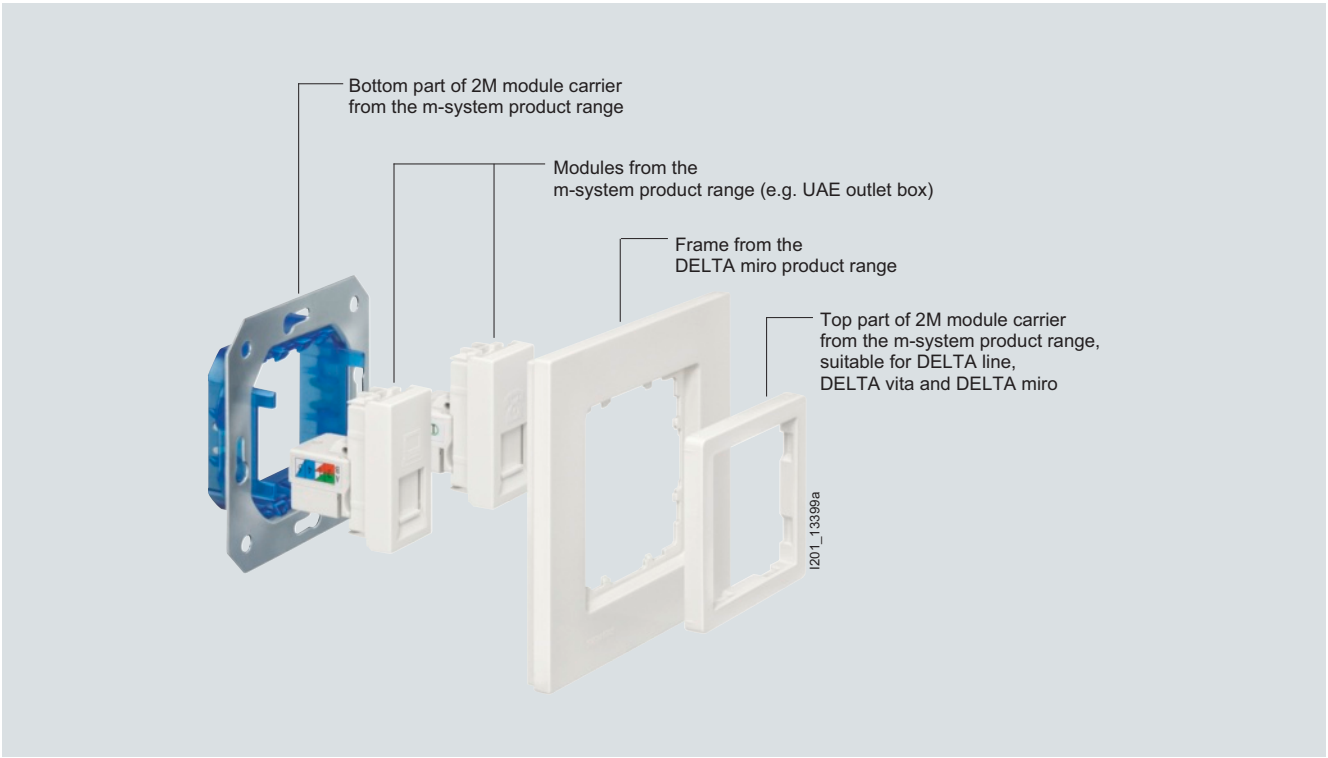


Modular components of the i-system with DELTA miro

© Siemens AG 2011



Modular components of m-system (one module) with DELTA miro



Modular components of m-system (two modules) with DELTA miro

© Siemens AG 2011

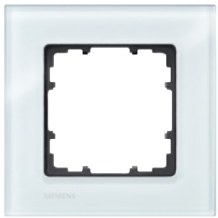
Frames

Selection and ordering data

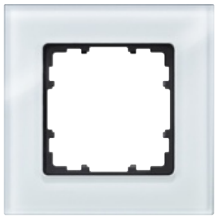
Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For horizontal and vertical mounting • Degree of protection: IP20						
Note / Section / Page						
• All components of the i-system product range can be used as central inserts and cover plates, see ... — *Design / i-system* — 1/2						
• Degree of protection IP44 for rockers can be achieved with the *IP44 set of seals, for rockers*, see ... — *Design / i-system / Accessories and spare parts* — 1/43	A	**5TG4 324**		1	1/10 sets	021
• Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an *IP44 seal, for socket outlets*, see ... — *Design / i-system / Accessories and spare parts* — 1/44	A	**5TG4 318**		1	1/10 sets	021
Frames, 90 mm, Artist, hand-painted NEW						
Versions						
• Tom's Drag design						
- Single, 90 mm x 90 mm	C	**5TG1 131-0**		1	1 unit	021
- Double, 161 mm x 90 mm	C	**5TG1 132-0**		1	1 unit	021
- Triple, 232 mm x 90 mm	C	**5TG1 133-0**		1	1 unit	021
- Quadruple, 303 mm x 90 mm	C	**5TG1 134-0**		1	1 unit	021
Frames, 90 mm, real glass						
Versions						
• Crystal green						
- Single, 90 mm x 90 mm	A	**5TG1 201**		1	1 unit	021
- Double, 161 mm x 90 mm	A	**5TG1 202**		1	1 unit	021
- Triple, 232 mm x 90 mm	A	**5TG1 203**		1	1 unit	021
- Quadruple, 303 mm x 90 mm	A	**5TG1 204**		1	1 unit	021
- Quintuple, 374 mm x 90 mm	A	**5TG1 205**		1	1 unit	021
• White						
- Single, 90 mm x 90 mm	A	**5TG1 201-1**		1	1 unit	021
- Double, 161 mm x 90 mm	A	**5TG1 202-1**		1	1 unit	021
- Triple, 232 mm x 90 mm	A	**5TG1 203-1**		1	1 unit	021
- Quadruple, 303 mm x 90 mm	A	**5TG1 204-1**		1	1 unit	021
- Quintuple, 374 mm x 90 mm	A	**5TG1 205-1**		1	1 unit	021
• Black						
- Single, 90 mm x 90 mm	A	**5TG1 201-2**		1	1 unit	021
- Double, 161 mm x 90 mm	A	**5TG1 202-2**		1	1 unit	021
- Triple, 232 mm x 90 mm	A	**5TG1 203-2**		1	1 unit	021
- Quadruple, 303 mm x 90 mm	A	**5TG1 204-2**		1	1 unit	021
- Quintuple, 374 mm x 90 mm	A	**5TG1 205-2**		1	1 unit	021
• Orient						
- Single, 90 mm x 90 mm	A	**5TG1 201-3**		1	1 unit	021
- Double, 161 mm x 90 mm	A	**5TG1 202-3**		1	1 unit	021
- Triple, 232 mm x 90 mm	A	**5TG1 203-3**		1	1 unit	021
- Quadruple, 303 mm x 90 mm	A	**5TG1 204-3**		1	1 unit	021
- Quintuple, 374 mm x 90 mm	A	**5TG1 205-3**		1	1 unit	021
• Arena						
- Single, 90 mm x 90 mm	A	**5TG1 201-4**		1	1 unit	021
- Double, 161 mm x 90 mm	A	**5TG1 202-4**		1	1 unit	021
- Triple, 232 mm x 90 mm	A	**5TG1 203-4**		1	1 unit	021
- Quadruple, 303 mm x 90 mm	A	**5TG1 204-4**		1	1 unit	021
- Quintuple, 374 mm x 90 mm	A	**5TG1 205-4**		1	1 unit	021
Frames, 90 mm, real glass, without Siemens logo		**On request**				



5TG1 131-0

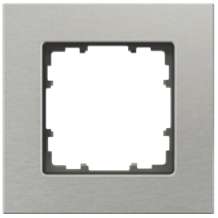


5TG1 201



* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG1 121-0	**Frames, 90 mm, real aluminum**						
	Versions						
	• Natural						
	- Single, 90 mm x 90 mm	A	**5TG1 121-0**		1	1 unit	021
	- Double, 161 mm x 90 mm	A	**5TG1 122-0**		1	1 unit	021
	- Triple, 232 mm x 90 mm	A	**5TG1 123-0**		1	1 unit	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 124-0**		1	1 unit	021
	- Quintuple, 374 mm x 90 mm	A	**5TG1 125-0**		1	1 unit	021
	• Titanium						
	- Single, 90 mm x 90 mm	A	**5TG1 121-1**		1	1 unit	021
	- Double, 161 mm x 90 mm	A	**5TG1 122-1**		1	1 unit	021
	- Triple, 232 mm x 90 mm	A	**5TG1 123-1**		1	1 unit	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 124-1**		1	1 unit	021
	- Quintuple, 374 mm x 90 mm	A	**5TG1 125-1**		1	1 unit	021
	• Graphite						
	- Single, 90 mm x 90 mm	A	**5TG1 121-2**		1	1 unit	021
	- Double, 161 mm x 90 mm	A	**5TG1 122-2**		1	1 unit	021
	- Triple, 232 mm x 90 mm	A	**5TG1 123-2**		1	1 unit	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 124-2**		1	1 unit	021
	- Quintuple, 374 mm x 90 mm	A	**5TG1 125-2**		1	1 unit	021
	• Yellow oxide						
	- Single, 90 mm x 90 mm	A	**5TG1 121-3**		1	1 unit	021
	- Double, 161 mm x 90 mm	A	**5TG1 122-3**		1	1 unit	021
	- Triple, 232 mm x 90 mm	A	**5TG1 123-3**		1	1 unit	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 124-3**		1	1 unit	021
	- Quintuple, 374 mm x 90 mm	A	**5TG1 125-3**		1	1 unit	021
 5TG1 101-2	**Frames, 90 mm, real wood**						
	Versions						
	• Maple red						
	- Single, 90 mm x 90 mm	A	**5TG1 101-2**		1	1 unit	021
	- Double, 161 mm x 90 mm	A	**5TG1 102-2**		1	1 unit	021
	- Triple, 232 mm x 90 mm	A	**5TG1 103-2**		1	1 unit	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 104-2**		1	1 unit	021
	• Maple						
	- Single, 90 mm x 90 mm	A	**5TG1 101-3**		1	1 unit	021
	- Double, 161 mm x 90 mm	A	**5TG1 102-3**		1	1 unit	021
	- Triple, 232 mm x 90 mm	A	**5TG1 103-3**		1	1 unit	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 104-3**		1	1 unit	021
	• Beech (color achieved through staining)						
	- Single, 90 mm x 90 mm	A	**5TG1 101-4**		1	1 unit	021
	- Double, 161 mm x 90 mm	A	**5TG1 102-4**		1	1 unit	021
	- Triple, 232 mm x 90 mm	A	**5TG1 103-4**		1	1 unit	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 104-4**		1	1 unit	021
	• Cherry (color achieved through staining)						
	- Single, 90 mm x 90 mm	A	**5TG1 101-1**		1	1 unit	021
	- Double, 161 mm x 90 mm	A	**5TG1 102-1**		1	1 unit	021
	- Triple, 232 mm x 90 mm	A	**5TG1 103-1**		1	1 unit	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 104-1**		1	1 unit	021
	• Wenge						
	- Single, 90 mm x 90 mm	A	**5TG1 101-0**		1	1 unit	021
	- Double, 161 mm x 90 mm	A	**5TG1 102-0**		1	1 unit	021
	- Triple, 232 mm x 90 mm	A	**5TG1 103-0**		1	1 unit	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 104-0**		1	1 unit	021
	Note						
	Variations in the color of the wood are typical for this natural product.						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Frames

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG1 111-0	**Frames, 90 mm, plastic**						
	Versions						
	• Titanium white (similar to RAL 9010)						
	- Single, 90 mm x 90 mm	A	**5TG1 111-0**		1	1/10 units	021
	- Double, 161 mm x 90 mm	A	**5TG1 112-0**		1	1/10 units	021
	- Triple, 232 mm x 90 mm	A	**5TG1 113-0**		1	1/10 units	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 114-0**		1	1/10 units	021
	- Quintuple, 374 mm x 90 mm	A	**5TG1 115-0**		1	1/3 units	021
	• Electrical white (similar to RAL 1013) NEW						
	- Single, 90 mm x 90 mm	A	**5TG1 111-3**		1	1/10 units	021
	- Double, 161 mm x 90 mm	A	**5TG1 112-3**		1	1/10 units	021
	- Triple, 232 mm x 90 mm	A	**5TG1 113-3**		1	1/10 units	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 114-3**		1	1/10 units	021
	- Quintuple, 374 mm x 90 mm	A	**5TG1 115-3**		1	1/3 units	021
	• Aluminum metallic (similar to RAL 9006)						
	- Single, 90 mm x 90 mm	A	**5TG1 111-1**		1	1/10 units	021
	- Double, 161 mm x 90 mm	A	**5TG1 112-1**		1	1/10 units	021
	- Triple, 232 mm x 90 mm	A	**5TG1 113-1**		1	1/10 units	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 114-1**		1	1/10 units	021
	- Quintuple, 374 mm x 90 mm	A	**5TG1 115-1**		1	1/3 units	021
	• Carbon metallic (similar to RAL 7016)						
	- Single, 90 mm x 90 mm	A	**5TG1 111-2**		1	1/10 units	021
	- Double, 161 mm x 90 mm	A	**5TG1 112-2**		1	1/10 units	021
	- Triple, 232 mm x 90 mm	A	**5TG1 113-2**		1	1/10 units	021
	- Quadruple, 303 mm x 90 mm	A	**5TG1 114-2**		1	1/10 units	021
	- Quintuple, 374 mm x 90 mm	A	**5TG1 115-2**		1	1/3 units	021
 5TG2 557	**Intermediate frames** • For installation of devices with cover plates • 51 mm x 51 mm according to DIN 49075						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG2 557**		1	1/10 units	021
	• Electrical white (RAL 1013)	A	**5TG2 587**		1	1/10 units	021
	• Aluminum metallic (similar to RAL 9006)	A	**5TG1 160**		1	1/10 units	021
	• Carbon metallic (similar to RAL 7016)	A	**5TG1 150**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA2 316-0	**Tom's Drag universal switches** NEW Hand-painted frame						
	Versions						
	• Titanium white (similar to RAL 9010)	C	**5TA2 316-3**		1	1 unit	021
	• Amber (similar to RAL 1036)	C	**5TA2 316-0**		1	1 unit	021
	• Piano black (similar to RAL 9005)	C	**5TA2 316-1**		1	1 unit	021
	• Chilly (similar to RAL 3020)	C	**5TA2 316-2**		1	1 unit	021
	Note						
	The gift box comes with a rocker switch, frame and matching insert.						
 5TA2 326-1	**Tom's Drag 2-part combination, switch/socket outlet** NEW Hand-painted frame						
	Versions						
	• Titanium white (similar to RAL 9010)	C	**5TA2 326-3**		1	1 unit	021
	• Amber (similar to RAL 1036)	C	**5TA2 326-0**		1	1 unit	021
	• Piano black (similar to RAL 9005)	C	**5TA2 326-1**		1	1 unit	021
	• Chilly (similar to RAL 3020)	C	**5TA2 326-2**		1	1 unit	021
	Note						
	The gift box comes with a rocker switch, socket outlet, frame and matching insert.						
	Tom's Drag 2-part combination, switch/socket outlet, with grounding pin (French standard) NEW • Hand-painted frame • Titanium white (similar to RAL 9010)	C	**5TA2 327-3**		1	1 unit	021
	Note						
	The gift box comes with a rocker switch, socket outlet, frame and matching insert.						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Flush-mounting radios

Selection and ordering data



5TC1 060

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Flush-mounting radios • For horizontal and vertical mounting • Degree of protection: IP20 • 230 V / 50 Hz • Anti-slip terminals up to 2.5 mm² • Not suitable for installation in multiple frames (triple to quintuple) • For installation in a double flush-mounting box (i.e. instead of the original double socket outlet)						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TC1 060**		1	1 unit	024
• Aluminum metallic (similar to RAL 9006)	A	**5TC1 061**		1	1 unit	024
• Carbon metallic (similar to RAL 7016)	A	**5TC1 062**		1	1 unit	024
Note						
Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1060/all						
Product features						
• Can be mounted either horizontally or vertically due to rotating display module • Six freely programmable transmitter memories • Illuminated display (can be adjusted separately for ON/OFF mode) • Display of transmitter name over RDS signal • Display of time • Radio alarm clock with display of alarm time, if activated • Sleep timer (automatic switch-off after user-defined time) • Good sound quality due to high-quality loudspeaker • Secondary mode possible over motion detector • Secondary mode possible through use of pushbuttons or switches						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011



5/2	**Introduction**
5/6	**Frames**
5/8	**Switches and pushbuttons**
5/13	**Socket outlets**
5/17	**International plug-and-socket devices**
5/18	**Shutter/blind controls**
5/22	**Lighting controls**
5/25	**Motion detectors**
5/28	**Room temperature controllers**
5/29	**GAMMA *instabus***
5/35	**Communication**
5/37	**TV/RF/SAT**
5/38	**Equipotential bonding**
5/38	**Surface-mounting enclosures**
5/38	**Module carriers for the m-system**
5/39	**Add-on devices**
5/41	**Accessories and spare parts**

© Siemens AG 2011

Introduction

Overview

Colors and designs of the DELTA profil product range



Titanium white



Silver



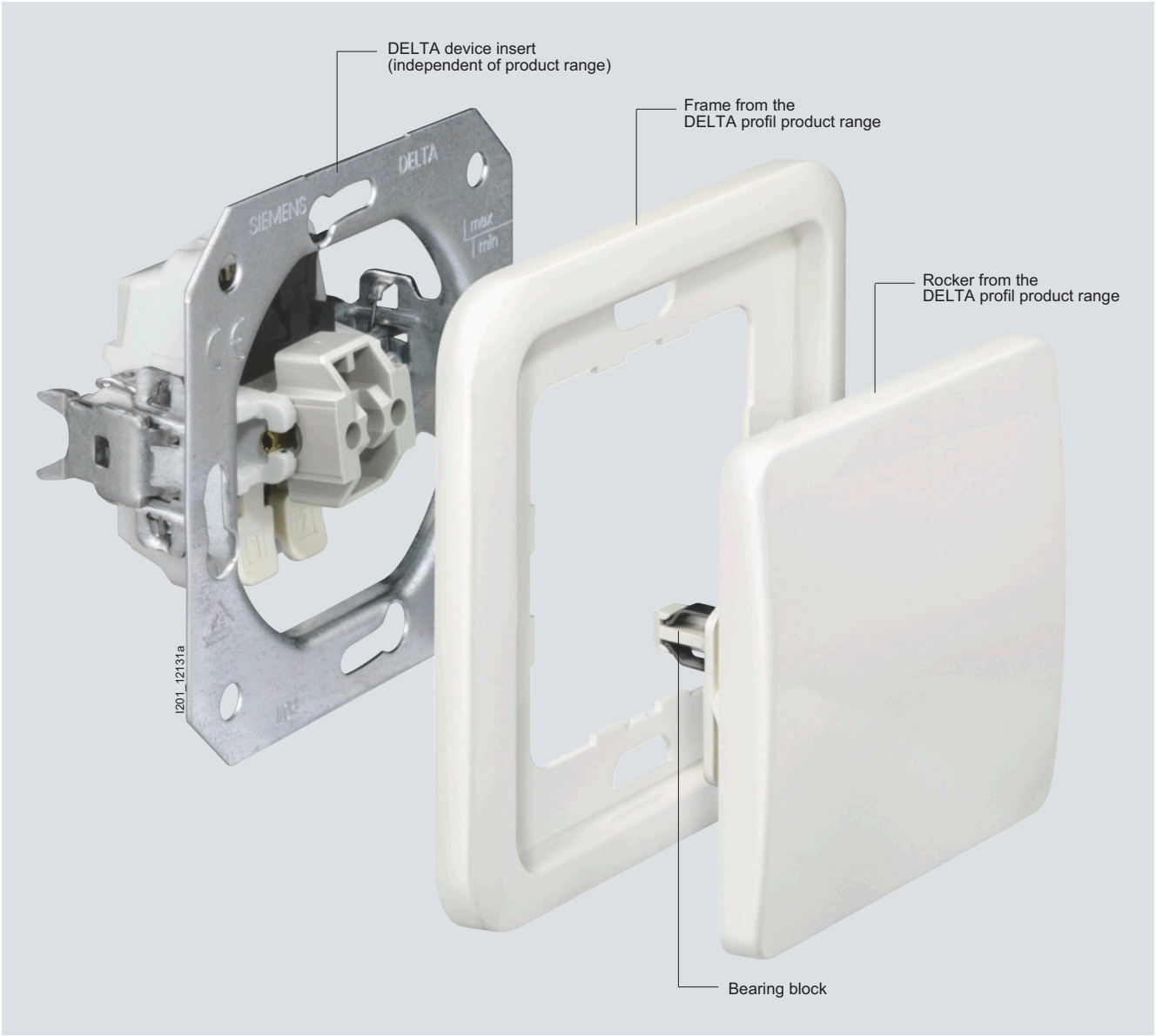
Anthracite
Discontinued model



Champagne
Discontinued model

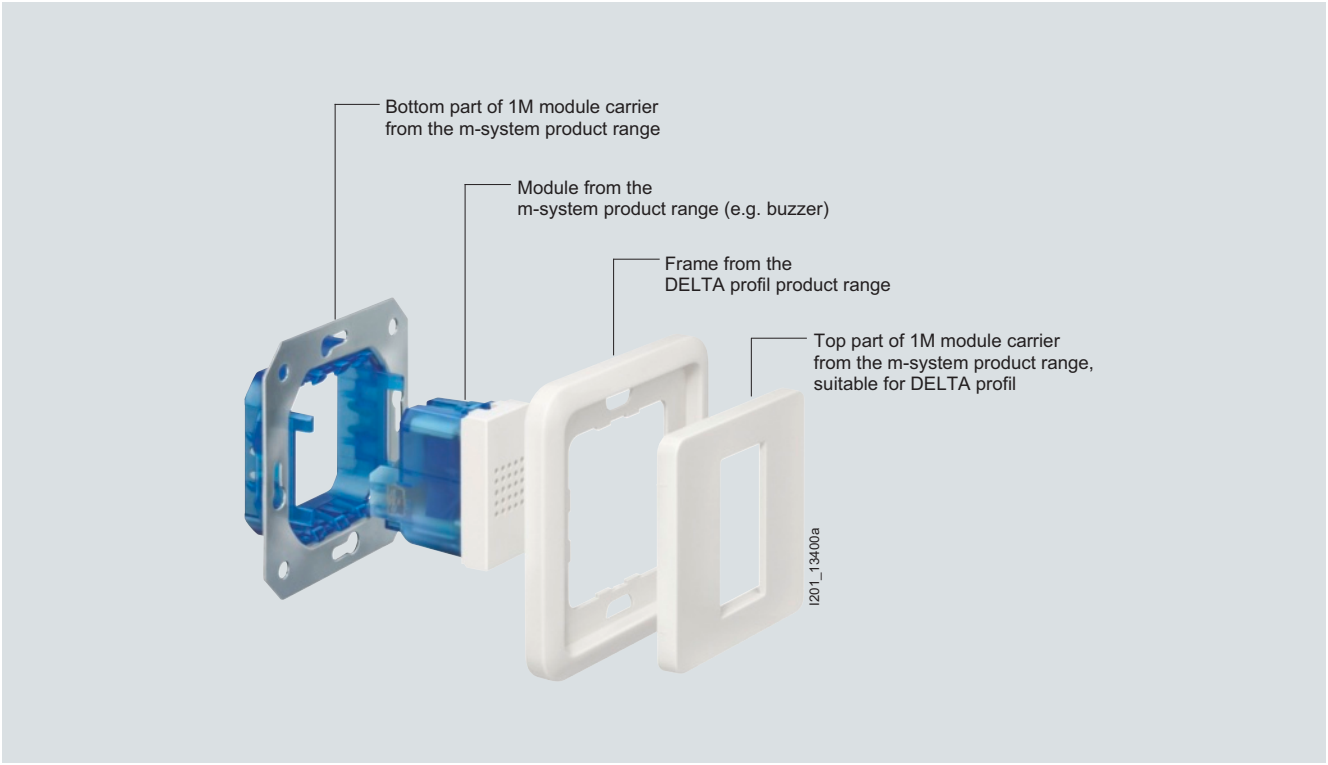
© Siemens AG 2011

Technical design of the DELTA profil product range

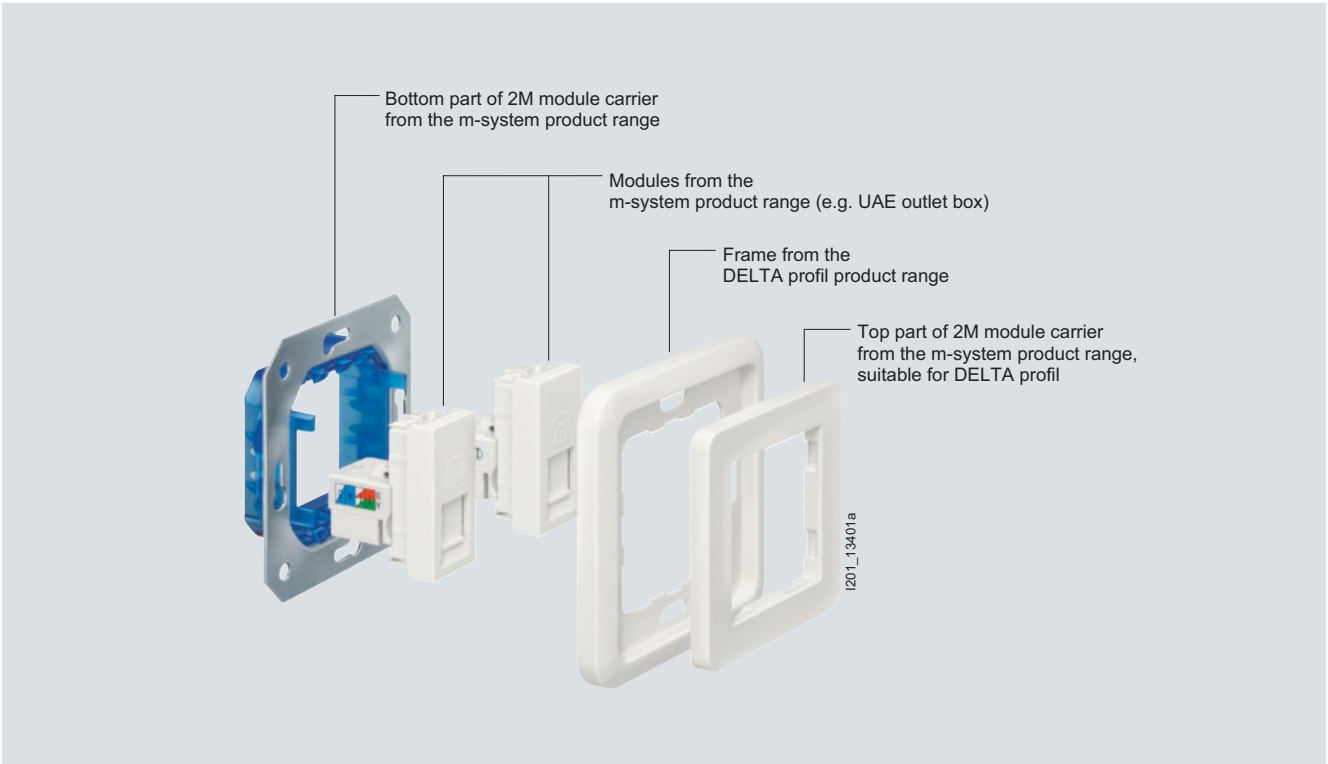


© Siemens AG 2011

Introduction



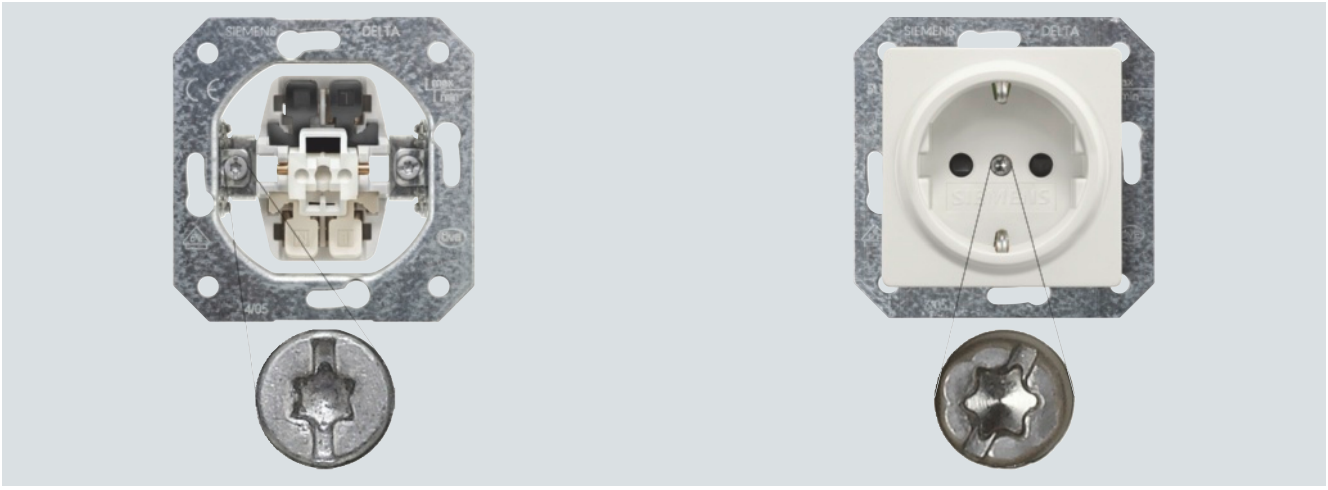
Modular components of m-system (one module) with DELTA profil



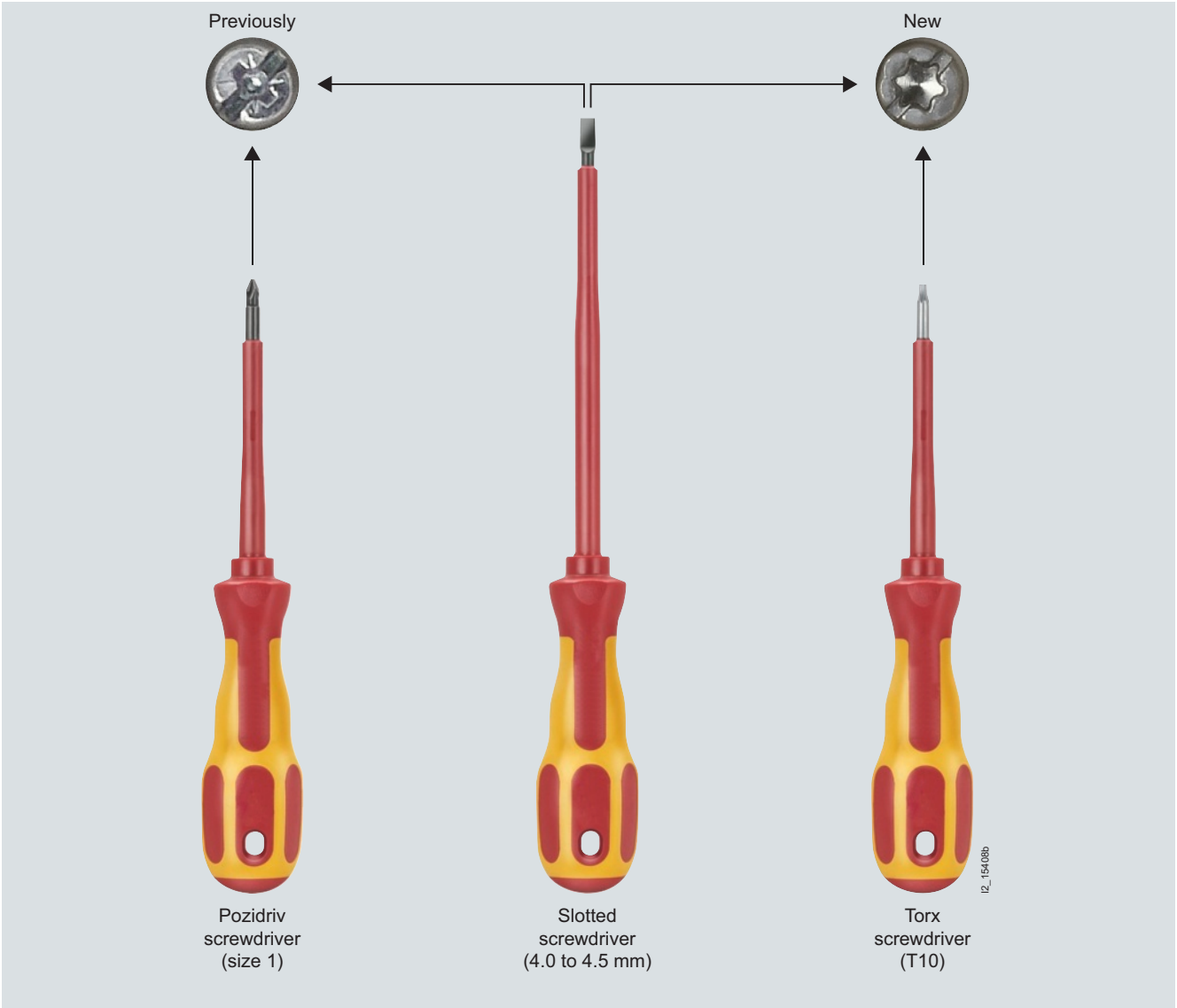
Modular components of m-system (two modules) with DELTA profil

© Siemens AG 2011

Combination screws for Torx T10 and slotted screwdrivers



Since 11/2008, we have been successively equipping all our inserts for switches and pushbuttons, and all SCHUKO® socket outlets from the DELTA product range, with the new combination screws.



Use of different screwdrivers on the previously used and new combination screw.

© Siemens AG 2011

Frames

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • For horizontal and vertical mounting • Degree of protection: IP20						
	Note						
	• The color silver is identical to aluminum metallic (i-system). • The color anthracite is identical to carbon metallic (i-system).						
 5TG1 811	**Frames, 80 mm**						
	Versions						
	• Titanium white (similar to RAL 9010)						
	- Single, 80 mm x 80 mm	A	**5TG1 811**		1	1/10 units	021
	- Double, 151 mm x 80 mm	A	**5TG1 812**		1	1/10 units	021
	- Triple, 222 mm x 80 mm	A	**5TG1 813**		1	1/10 units	021
	- Quadruple, 293 mm x 80 mm	A	**5TG1 814**		1	1/10 units	021
	- Quintuple, 364 mm x 80 mm	A	**5TG1 815**		1	1/5 units	021
	• Silver (similar to RAL 9006)						
	- Single, 80 mm x 80 mm	A	**5TG1 771**		1	1/10 units	021
	- Double, 151 mm x 80 mm	A	**5TG1 772**		1	1/10 units	021
	- Triple, 222 mm x 80 mm	A	**5TG1 773**		1	1/10 units	021
	- Quadruple, 293 mm x 80 mm	A	**5TG1 774**		1	1/10 units	021
	- Quintuple, 364 mm x 80 mm	A	**5TG1 775**		1	1/5 units	021
	• Anthracite (similar to RAL 7016) Discontinued model						
	- Single, 80 mm x 80 mm	A	**5TG1 841**		1	1/10 units	021
	- Double, 151 mm x 80 mm	A	**5TG1 842**		1	1/10 units	021
	- Triple, 222 mm x 80 mm	A	**5TG1 843**		1	1/10 units	021
	- Quadruple, 293 mm x 80 mm	A	**5TG1 844**		1	1/10 units	021
	- Quintuple, 364 mm x 80 mm	A	**5TG1 845**		1	1/5 units	021
	• Champagne (similar to RAL 7048) Discontinued model						
	- Single, 80 mm x 80 mm	A	**5TG1 711-1**		1	1/10 units	021
	- Double, 151 mm x 80 mm	A	**5TG1 712-1**		1	1/10 units	021
	- Triple, 222 mm x 80 mm	A	**5TG1 713-1**		1	1/10 units	021
	- Quadruple, 293 mm x 80 mm	A	**5TG1 714-1**		1	1/10 units	021
	- Quintuple, 364 mm x 80 mm	A	**5TG1 715-1**		1	1/5 units	021
 5TG1 801	**Frames, 80 mm, cut out**						
	Versions						
	• Titanium white (similar to RAL 9010)						
	- Single, 80 mm x 80 mm	A	**5TG1 801**		1	1/10 units	021
	- Double, 151 mm x 80 mm	A	**5TG1 802**		1	1/10 units	021
	- Double, with 1 cutout, 151 mm x 80 mm	A	**5TG1 803**		1	1/10 units	021
	- Triple, with 1 cutout, 222 mm x 80 mm	A	**5TG1 804**		1	1/10 units	021
	• Silver (similar to RAL 9006)						
	- Single, 80 mm x 80 mm	A	**5TG1 761**		1	1/10 units	021
	- Double, with 1 cutout, 151 mm x 80 mm	A	**5TG1 763**		1	1/10 units	021
	- Triple, with 1 cutout, 222 mm x 80 mm	A	**5TG1 764**		1	1/10 units	021
 5TG1 803	• Anthracite (similar to RAL 7016) Discontinued model						
	- Single, 80 mm x 80 mm	A	**5TG1 831**		1	1/10 units	021
	- Double, 151 mm x 80 mm	A	**5TG1 832**		1	1/10 units	021
	- Double, with 1 cutout, 151 mm x 80 mm	A	**5TG1 833**		1	1/10 units	021
	- Triple, with 1 cutout, 222 mm x 80 mm	A	**5TG1 834**		1	1/10 units	021
	• Champagne (similar to RAL 7048), Discontinued model single, 80 mm x 80 mm	A	**5TG1 701-1**		1	1/10 units	021
 5TG1 804							
 5TG1 806	**Intermediate frames, for inserting devices with cover plate 51 mm x 51 mm** • complies with DIN 49075 • 65 mm x 65 mm						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG1 806**		1	1/10 units	021
	• Silver (similar to RAL 9006)	A	**5TG1 766**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG1 836**		1	1/10 units	021
	• Champagne (similar to RAL 7048) Discontinued model	A	**5TG1 706-1**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TG1 893	**Intermediate frame, for inserting devices with cover plate 55 mm x 55 mm**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG1 893**		1	1/10 units	021
	• Silver or aluminum metallic (similar to RAL 9006)	A	**5TG1 762**		1	1/10 units	021
	• Anthracite or carbon metallic (similar to RAL 7016) Discontinued model	A	**5TG1 835**		1	1/10 units	021
	• Champagne (similar to RAL 7048) Discontinued model	A	**5TG1 705-1**		1	1/10 units	021

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Switches and pushbuttons

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Size of rockers: 65 mm x 65 mm • Degree of protection: IP20						
Note / Section / Page						
For extension claws, see ... / *Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts* / 10/19						
Note						
• The color silver is identical to aluminum metallic (i-system). • The color anthracite is identical to carbon metallic (i-system).						
Rockers, neutral						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG7 801**		1	1/10 units	021
• Silver (similar to RAL 9006)	A	**5TG7 921**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG7 821**		1	1/10 units	021
• Champagne (similar to RAL 7048) Discontinued model	A	**5TG7 861-1**		1	1/10 units	021
Inserts / Section / Page						
• *Universal switches* / *Functions / Switching/ Pushbutton Control/ Dimming* / 10/3	A	**5TA2 156**		1	1/10 units	021
• *Intermediate switches* / *dto.* / 10/4	A	**5TA2 117**		1	1/10 units	021
• *ON/OFF switches, 1-pole* / *dto.* / 10/4	A	**5TA2 151**		1	1/10 units	021
• *Pushbuttons, 1 NO contact* / *dto.* / 10/9	A	**5TD2 120**		1	1/10 units	021
• *Pushbuttons, 1 CO contact* / *dto.* / 10/10	A	**5TD2 123**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, center position, single* / *Functions / GAMMA Bus Coupling Units* / 18/2	A	**5WG1 116-2AB01**		1	1 unit	030
• *DELTA UP 116 bus coupling units, pushbutton position, single* / *dto.* / 18/2	A	**5WG1 116-2AB21**		1	1 unit	030
5TG7 801						
Rockers with "Bell" symbol						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG7 807**		1	1/10 units	021
• Silver (similar to RAL 9006)	A	**5TG7 927**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG7 827**		1	1/10 units	021
• Champagne (similar to RAL 7048) Discontinued model	A	**5TG7 867-1**		1	1/10 units	021
Inserts / Section / Page						
• *Pushbuttons, 1 NO contact* / *Functions / Switching/ Pushbutton Control/ Dimming* / 10/9	A	**5TD2 120**		1	1/10 units	021
• *Pushbuttons, 1 CO contact* / *dto.* / 10/10	A	**5TD2 123**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, pushbutton position, single* / *Functions / GAMMA Bus Coupling Units* / 18/2	A	**5WG1 116-2AB21**		1	1 unit	030
5TG7 807						
Rockers with "Door Opener" symbol						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG7 808**		1	1/10 units	021
• Silver (similar to RAL 9006)	A	**5TG7 928**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG7 828**		1	1/10 units	021
Inserts / Section / Page						
• *Pushbuttons, 1 NO contact* / *Functions / Switching/ Pushbutton Control/ Dimming* / 10/9	A	**5TD2 120**		1	1/10 units	021
• *Pushbuttons, 1 CO contact* / *dto.* / 10/10	A	**5TD2 123**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, pushbutton position, single* / *Functions / GAMMA Bus Coupling Units* / 18/2	A	**5WG1 116-2AB21**		1	1 unit	030
5TG7 808						
Rockers with I/O symbols						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG7 802**		1	1/10 units	021
• Silver (similar to RAL 9006)	A	**5TG7 922**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG7 822**		1	1/10 units	021
Inserts / Section / Page						
• *ON/OFF switches, 2-pole, 10 AX* / *Functions / Switching/ Pushbutton Control/ Dimming* / 10/5	A	**5TA2 112**		1	1/10 units	021
• *ON/OFF switches, 2-pole, 16 AX* / *dto.* / 10/5	A	**5TA2 162**		1	1/10 units	021
• *ON/OFF switches, 3-pole, 16 A* / *dto.* / 10/5	A	**5TA2 153**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, center position, single* / *Functions / GAMMA Bus Coupling Units* / 18/2	A	**5WG1 116-2AB01**		1	1 unit	030
5TG7 802						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG7 800	**Rockers with window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 800**		1	1/10 units	021
	• Silver (similar to RAL 9006)			A	**5TG7 920**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG7 820**		1	1/10 units	021
	• Champagne (similar to RAL 7048) Discontinued model			A	**5TG7 860-1**		1	1/10 units	021
	Inserts	Section	Page						
	• *Switches with pilot lamp, for two-way switching*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/6	A	**5TA2 108**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact, with separate neutral terminal*	*dto.*	10/9	A	**5TD2 116**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact, with separate neutral terminal*	*dto.*	10/10	A	**5TD2 117**		1	1/10 units	021
	• *Pushbuttons, with separate check-back indication*	*dto.*	10/10	A	**5TD2 114**		1	1/10 units	021
	• *Universal switches*	*dto.*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/6	A	**5TD2 123**		1	1/10 units	021
	• *Switches with pilot lamp, for ON/OFF switching*	*dto.*	10/6	A	**5TA2 150**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG7 806	**Rockers with "Light" symbol and window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 806**		1	1/10 units	021
	• Silver (similar to RAL 9006)			A	**5TG7 926**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG7 826**		1	1/10 units	021
	• Champagne (similar to RAL 7048) Discontinued model			A	**5TG7 866-1**		1	1/10 units	021
	Inserts	Section	Page						
	• *Universal switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Switches with pilot lamp, for ON/OFF switching*	*dto.*	10/6	A	**5TA2 150**		1	1/10 units	021
	• *Switches with pilot lamp, for two-way switching*	*dto.*	10/6	A	**5TA2 108**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact, with separate neutral terminal*	*dto.*	10/9	A	**5TD2 116**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact, with separate neutral terminal*	*dto.*	10/10	A	**5TD2 117**		1	1/10 units	021
	• *Pushbuttons, with separate check-back indication*	*dto.*	10/10	A	**5TD2 114**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG7 812	**Rockers with "Delay" symbol and window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 812**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			C	**5TG7 832**		1	1/10 units	021
	Inserts	Section	Page						
	• *Delay timers*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/7	A	**5TT1 210**		1	1 unit	027
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG7 811	**Rockers with "Time" symbol and window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 811**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			C	**5TG7 831**		1	1/10 units	021
	Inserts	Section	Page						
	• *Timers*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/7	A	**5TT1 200**		1	1 unit	027
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switches and pushbuttons

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG7 816	**Rockers with labeling field**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 816**		1	1/10 units	021
	• Silver (similar to RAL 9006)			A	**5TG7 936**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG7 836**		1	1/10 units	021
	• Champagne (similar to RAL 7048) Discontinued model			A	**5TG7 876-1**		1	1/10 units	021
	Inserts	Section	Page						
	• *Universal switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5TG7 804	**Rocker with "Bell" symbol and labeling field** Titanium white (similar to RAL 9010)			A	**5TG7 804**		1	1/10 units	021
	Inserts	Section	Page						
	• *Pushbuttons, 1 NO contact*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5TG7 815	**Rockers with labeling field and window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 815**		1	1/10 units	021
	• Silver (similar to RAL 9006)			A	**5TG7 935**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG7 835**		1	1/10 units	021
	Inserts	Section	Page						
	• *Switches with pilot lamp, for two-way switching*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/6	A	**5TA2 108**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact, with separate neutral terminal*	*dto.*	10/9	A	**5TD2 116**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact, with separate neutral terminal*	*dto.*	10/10	A	**5TD2 117**		1	1/10 units	021
	• *Pushbuttons, with separate check-back indication*	*dto.*	10/10	A	**5TD2 114**		1	1/10 units	021
	• *Universal switches*	*dto.*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	ON/OFF switches, 1-pole	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *Switches with pilot lamp, for ON/OFF switching*	*dto.*	10/6	A	**5TA2 150**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG1 894	Note	Section	Page						
	5TA2 150 *switches with pilot lamp, for ON/OFF switching* can be used as heating emergency switch. The required 5TG1 894 *labeling field insert "Heating Emergency Switch"* must be ordered separately, see ...	*Accessories and spare parts*	5/41	A	**5TG1 894**		1	1 unit	021
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG7 805	**Rockers, double, neutral**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 805**		1	1/10 units	021
	• Silver (similar to RAL 9006)			A	**5TG7 925**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG7 825**		1	1/10 units	021
	• Champagne (similar to RAL 7048) Discontinued model			A	**5TG7 865-1**		1	1/10 units	021
	Inserts	Section	Page						
	• *Double two-way switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/7	A	**5TA2 118**		1	1/10 units	021
	• *Two-circuit switches*	*dto.*	10/8	A	**5TA2 155**		1	1/10 units	021
	• *Pushbuttons, double, 1 NO contact, 1 CO contact*	*dto.*	10/11	A	**5TD2 115**		1	1/10 units	021
	• *Pushbuttons, double, 2 NO contacts*	*dto.*	10/11	A	**5TD2 111**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
 5TG7 818	**Rockers, double, with window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 818**		1	1/10 units	021
	• Silver (similar to RAL 9006)			A	**5TG7 938**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG7 838**		1	1/10 units	021
	Inserts	Section	Page						
	• *Two-circuit switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/8	A	**5TA2 155**		1	1/10 units	021
	• *Pushbuttons, double, 2 NO contacts*	*dto.*	10/11	A	**5TD2 111**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
 5TG7 817	**Rockers, double, with window and labeling field**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 817**		1	1/10 units	021
	• Silver (similar to RAL 9006)			A	**5TG7 937**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG7 837**		1	1/10 units	021
	Inserts	Section	Page						
	• *Two-circuit switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/8	A	**5TA2 155**		1	1/10 units	021
	• *Pushbuttons, double, 2 NO contacts*		10/11	A	**5TD2 111**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5TG7 962	**Rockers, double, with I/O symbols**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 962**		1	1/10 units	021
	• Silver (similar to RAL 9006)			D	**5TG7 988**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			D	**5TG7 966**		1	1/10 units	021
	Inserts	Section	Page						
	• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switches and pushbuttons

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG4 811	**Hotel card switches, with window and labeling field** • For cards up to 54 mm x 85 mm, 0.7 to 1.0 mm thick • For screw and claw fixing • Insertion of a card controls a mechanical contact • Illuminated • Including insert, *pushbutton, 1 CO contact, with separate neutral terminal* (5TD2 117) • Incl. *glow lamp* (5TG7 332)						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG4 811**		1	1 unit	021
	• Silver (similar to RAL 9006)	A	**5TG4 814**		1	1 unit	021
	• Champagne (similar to RAL 7048) Discontinued model	A	**5TG4 816-1**		1	1 unit	021
	Note						
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For screw and claw fixing • SCHUKO® socket outlets: 16 A, 250 V AC; 10 A, 250 V DC • Live parts of inserts covered by molded plastic • Self-retracting claws • The screwless terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm^2 • Degree of protection: IP20 • Size of cover plates: 65 mm x 65 mm						
Note: Section: Page For extension claws, see ... : *Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts* : 10/19						
Note • The color silver is identical to aluminum metallic (i-system). • The color anthracite is identical to carbon metallic (i-system).						
 5UB1 403 **SCHUKO® socket outlets** Versions						
• Titanium white (similar to RAL 9010)						
- With claws	A	**5UB1 403**		1	1/10 units	021
- Without claws for hollow-wall mounting	C	**5UB1 403-0KK**		1	10 units	021
• Silver (similar to RAL 9006)	A	**5UB1 467**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5UB1 413**		1	1/10 units	021
• Champagne (similar to RAL 7048) Discontinued model	A	**5UB1 433-1**		1	1/10 units	021
 5UB1 405 **SCHUKO® socket outlets with increased touch protection** Versions						
• Titanium white (similar to RAL 9010)						
- With claws	A	**5UB1 405**		1	1/10 units	021
- Without claws for hollow-wall mounting	C	**5UB1 405-0KK**		1	10 units	021
• Silver (similar to RAL 9006)	A	**5UB1 468**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5UB1 415**		1	1/10 units	021
• Champagne (similar to RAL 7048) Discontinued model	A	**5UB1 435-1**		1	1/10 units	021
 5UB1 465 **SCHUKO® socket outlets with increased touch protection and black bezel** Silver (similar to RAL 9006)	A	**5UB1 465**		1	1/10 units	021
 5UB1 463 **SCHUKO® socket outlets, black bezel** Silver (similar to RAL 9006)	A	**5UB1 463**		1	1/10 units	021
 5UB1 481 **SCHUKO® socket outlets, green bezel** • Color of bezel similar to RAL 6032 • Blank • For use with SV[1)]						
Versions						
• Titanium white (similar to RAL 9010)	A	**5UB1 481**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5UB1 483**		1	1/10 units	021
Note: Section: Page Label sheets for marking the inserts, see ... : *Accessories and spare parts* : 5/41						
Footnote [1)] SV: Safety power supply (AEV).						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Socket outlets

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB1 480	**SCHUKO® socket outlets, orange bezel** • Color of bezel similar to RAL 2004 • Blank • For use with ZSV[1)]						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 480**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model	C	**5UB1 482**		1	1/10 units	021
	Note / Section / Page						
	Label sheets for marking the inserts, see ... — *Accessories and spare parts* — 5/41						
	Footnote						
	[1)] ZSV: Additional safety power supply (BEV).						
 5UB1 407	**SCHUKO® socket outlets, with labeling field**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 407**		1	1/10 units	021
	• Green (similar to RAL 6018) - Without labeling - For use with SV[1)]		**On request**				
	• Orange (similar to RAL 2004) - Without labeling - For use with ZSV[2)]		**On request**				
	• Red (similar to RAL 3003) - Without labeling - For use with WSV[3)]	A	**5UB1 476**		1	1/10 units	021
	Note / Section / Page						
	Label sheets for marking the inserts, see ... — *Accessories and spare parts* — 5/41						
	Note						
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool						
	Footnote						
	[1)] SV: Safety power supply (AEV). [2)] ZSV: Additional safety power supply (BEV). [3)] WSV: Another additional safety power supply (BEV).						
 5UB1 472	**SCHUKO® socket outlets, with status display and labeling field**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 472**		1	1/10 units	021
	• Green (similar to RAL 6018) - Without labeling - For use with SV[1)]	A	**5UB1 474**		1	1/10 units	021
	• Orange (similar to RAL 2004) - Without labeling - For use with ZSV[2)]	A	**5UB1 475**		1	1/10 units	021
	Note / Section / Page						
	• Label sheets for marking the inserts, see ... — *Accessories and spare parts* — 5/41 • 5TG7 304 *spare glow lamps*, see ... — *Accessories and spare parts* — 5/42 • For Technical specifications, see ... — *Technical Information / Socket Outlets / SCHUKO® socket outlets, with status display* — 19/14	A	**5TG7 304**		1	1/10 units	021
	Note						
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool						
	Footnote						
	[1)] SV: Safety power supply (AEV). [2)] ZSV: Additional safety power supply (BEV).						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB1 486	**SCHUKO® socket outlets, with overvoltage protection, function displays and labeling field**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 486**		1	1 unit	021
	• Silver (similar to RAL 9006)	D	**5UB1 460**		1	1 unit	021
	• Anthracite (similar to RAL 7016) Discontinued model	D	**5UB1 488**		1	1 unit	021
	• Champagne (similar to RAL 7048) Discontinued model	A	**5UB1 430-1**		1	1 unit	021
	Note: • 5UH1 300 *spare overvoltage protection module* , see ...	A	**5UH1 300**		1	1 unit	021
	Section: *Accessories and spare parts*						
	Page: 5/42						
	• For Technical specifications, see ... *Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection*						
	Page: 19/15						
 5UB1 404	**SCHUKO® socket outlets with hinged lid**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 404**		1	1/10 units	021
	• Silver (similar to RAL 9006)	A	**5UB1 464**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model	A	**5UB1 414**		1	1/10 units	021
	• Champagne (similar to RAL 7048) Discontinued model	A	**5UB1 434-1**		1	1/10 units	021
 5TC1 014	**SCHUKO® socket outlets with residual-current protection** • 16 A, 230 V AC • 45 ... 60 Hz • With integrated residual current operated circuit breaker for increased protection level • With interconnecting conductors (i.e. conventional SCHUKO® socket outlets connected downstream can also be integrated into residual-current protection) • With increased touch protection • For screw fixing (without claws) • Rated residual current 30 mA • Titanium white (similar to RAL 9010)	A	**5TC1 014**		1	1 unit	024
	Note: • Cutout frames must be used, see ...						
	Section: *Frames*						
	Page: 5/6						
	• For Technical specifications, see ... *Technical Information / Socket Outlets / SCHUKO® socket outlet, with residual-current protection*						
	Page: 19/15						
	Note: Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1014/all						
 5UB6 207	**SCHUKO® socket outlet, 80 mm x 80 mm, with universal switch** • For ON/OFF and two-way switching • With screw terminals • Switch 10 A, 250 V AC • White (RAL 9010) • Complete assembly, therefore no additional frame necessary • Similar design to DELTA profil	A	**5UB6 207**		1	1 unit	021
 5UA6 701	**Shaver socket outlets** • 20 VA, 230 V AC, 50/60 Hz • 80 mm x 80 mm • Titanium white (similar to RAL 9010)	A	**5UA6 701**		1	1 unit	021
	Note: • For Technical specifications, see ...						
	Section: *Technical Information / International Plug-and-Socket Devices / Shaver socket outlets*						
	Page: 19/67						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Socket outlets

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UH1 111	**Molded-plastic wall enclosures for "shaver socket outlet"** 80 mm x 80 mm x 62 mm	A	**5UH1 111**		1	1 unit	021
 5UH1 112	**Sealing rings for "molded-plastic wall enclosures"** 85 mm x 85 mm	A	**5UH1 112**		1	1/10 units	021
 5UB4 650	**SCHUKO® socket outlets, with hinged lid made of die-cast aluminum** • With flush-mounting socket • IP41 drip-proof • Base made of thermosetting plastic with two cable entries M20 • 95 mm x 95 mm x 56 mm • Light gray (RAL 7035)	A	**5UB4 650**		1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • For screw and claw fixing • Screw terminals • Size of cover plates: 65 mm x 65 mm						
	Note						
	The color anthracite is identical to carbon metallic (i-system).						
 5UB1 315	**Socket outlets with grounding pin and increased touch protection** • 16 A, 250 V AC • 2-pole according to CEE7 • French/Belgian standard • With anti-slip terminals for 4 x 2.5 mm^2 • Titanium white (similar to RAL 9010)	A	**5UB1 315**		1	1/10 units	021
 5UB1 408	**Socket outlets with grounding pin** • 16 A, 250 V AC • 2-pole according to CEE7 • French/Belgian standard • With anti-slip terminals for 4 x 2.5 mm^2						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 408**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model	D	**5UB1 418**		1	1/10 units	021
 5UB1 311	**Socket outlets, according to American standard C 73** 15 A, 125 V AC						
	Versions						
	• Titanium white (similar to RAL 9010)	D	**5UB1 311**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model	D	**5UB1 312**		1	1/10 units	021
 5UB1 534	**NEMA socket outlets** • In i-system design • 2-pole (2P + E) • NEMA 5-20R • 20 A, 125 V AC • For 58 series mounting boxes • For screw fixing only • Titanium white (similar to RAL 9010)	A	**5UB1 534**		1	1 unit	021
	Note						
	The *NEMA socket outlet, with hinged lid* can only be used with the *DELTA profil* product range if used together with an *intermediate frame for inserting devices with cover plate 55 mm x 55 mm, titanium white.*	A	**5TG1 806**		1	1/10 units	021
 5UB1 535	**NEMA socket outlets with hinged lid** • In i-system design • 2-pole (2P + E) • NEMA 5-20R • 20 A, 125 V AC • For 58 series mounting boxes • For screw fixing only • Titanium white (similar to RAL 9010)	A	**5UB1 535**		1	1 unit	021
	Note						
	The *socket outlet, NEMA, with hinged lid*, can only be used with the *DELTA profil* product range, if used together with an *intermediate frame for inserting devices with cover plate 55 mm x 55 mm, titanium white.*	A	**5TG1 806**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Shutter/blind controls

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information Size of rockers: 65 mm x 65 mm								
	Note								
	• The color silver is identical to aluminum metallic (i-system). • The color anthracite is identical to carbon metallic (i-system).								
 5TG7 814	**Rockers, double, with Up/Down symbols**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 814**		1	1/10 units	021
	• Silver (similar to RAL 9006)			A	**5TG7 934**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG7 834**		1	1/10 units	021
	• Champagne (similar to RAL 7048) Discontinued model			A	**5TG7 874-1**		1	1/10 units	021
	Inserts	Section	Page						
	• *Shutter/blind switches, with electrical and mechanical interlock*	*Functions / Shutter/blind controls*	13/2	A	**5TA2 154**		1	1/10 units	021
	• *Shutter/blind pushbuttons, with electrical interlock*	*dto.*	13/2	A	**5TA2 114**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
 5TG7 961	**Rockers, double, with 2x Up/Down symbols**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 961**		1	1/10 units	021
	• Silver (similar to RAL 9006)			A	**5TG7 987**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG7 965**		1	1/10 units	021
	Inserts	Section	Page						
	DELTA UP 116 bus coupling units, center position, double	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
 5TG7 813	**Rockers, double, with I/O and Up/Down symbols**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 813**		1	1/10 units	021
	• Silver (similar to RAL 9006)			A	**5TG7 933**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG7 833**		1	1/10 units	021
	Inserts	Section	Page						
	DELTA UP 116 bus coupling units, center position, double	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
 5TG7 960	**Rockers with Up/Down symbols**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 960**		1	1/10 units	021
	• Silver (similar to RAL 9006)			D	**5TG7 986**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model			D	**5TG7 964**		1	1/10 units	021
	Inserts	Section	Page						
	DELTA UP 116 bus coupling units, center position, single	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
 5TA7 664	**Shutter/blind key-operated switches for master-key systems, with Up/Down symbols** • 10 A, 250 V AC • Key can only be withdrawn in neutral position • *5TG4 225 profile semicylinder* must be ordered separately • 1-pole (changeover contact with neutral position) • Titanium white (similar to RAL 9010)								
	Versions								
	• Momentary-contact and maintained-contact position to left and right			A	**5TA7 664**		1	1 unit	021
	• Maintained-contact position to left and right			A	**5TA7 668**		1	1 unit	021
	• Momentary-contact position to left and right			A	**5TA7 666**		1	1 unit	021
	Note	Section	Page						
	• For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems*	19/49						
	• Intermediate frames, 55 mm x 55 mm, titanium white (similar to RAL 9010), must be ordered separately:	*Frames*	5/7	A	**5TG1 893**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG4 225	**Profile semicylinders for "shutter/blind key-operated switches for master-key systems with Up/Down symbols"** • CES product • With three keys • Identical key type			A	**5TG4 225**		1	1/10 units	021
 5TC1 330	**sys shutter/blind pushbuttons**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC1 330**		1	1 unit	024
	• Silver (similar to RAL 9006)			A	**5TC1 333**		1	1 unit	024
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TC1 332**		1	1 unit	024
	• Champagne (similar to RAL 7048) Discontinued model			A	**5TC1 334**		1	1 unit	024
	Inserts	Section	Page						
	sys shutter/blind control inserts	*Functions / Shutter/blind controls*	13/3	A	**5TC1 231**		1	1 unit	024
	Note	Section	Page						
	• Cutout frames must be ordered separately, see ...	*Frames*	5/6						
	• For a more detailed explanation of the *sys shutter/blind pushbutton*, see ...	*Design / i-system / Shutter/Blind Controls*	1/23						
	• For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / sys shutter/blind pushbuttons*	19/50						
	Note								
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1330/all								
 5WG3 211-2AB11	**UP 211 wave shutter/blind pushbuttons**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG3 211-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG3 211-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			C	**5WG3 211-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	sys shutter/blind control inserts	*Functions / Shutter/blind controls*	13/3	A	**5TC1 231**		1	1 unit	024
	Note	Section	Page						
	• Cutout frames must be ordered separately, see ...	*Frames*	5/6						
	• For a more detailed explanation of the *UP 211 wave shutter/blind pushbuttons*, see ...	*Functions / Remote Control Systems*	16/2						
	Note								
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5wg3211-2ab11/all								
 5TA7 660	**Shutter/blind knob-operated switches with Up/Down symbols** • 10 A, 250 V AC • Momentary-contact and maintained-contact position to left and right and neutral position • Changeover contact with neutral position • Titanium white (similar to RAL 9010)								
	Versions								
	• 1-pole			A	**5TA7 660**		1	1 unit	021
	• 2-pole			A	**5TA7 661**		1	1 unit	021
	Note	Section	Page						
	• For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches*	19/48						
	• Intermediate frames, 55 mm x 55 mm, titanium white (similar to RAL 9010), must be ordered separately:	*Frames*	5/7	A	**5TG1 893**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Shutter/blind controls

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 520	**Shutter/blind controls** • In i-system design • For controlling a blind or shutter motor with mechanical or electronic limit switches • Operation is by means of 4 control buttons						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TC1 520**		1	1 unit	024
	• Silver or aluminum metallic (similar to RAL 9006)	A	**5TC1 522**		1	1 unit	024
	• Anthracite or carbon metallic (similar to RAL 7016)	A	**5TC1 524**		1	1 unit	024
	• Champagne (similar to RAL 7048) Discontinued model	A	**5TC1 553**		1	1 unit	024
	Note / Section / Page						
	• Cutout frames must be ordered separately, see ... *Frames* 5/6						
	• The following *intermediate frames, for inserting devices with cover plate 55 mm x 55 mm* must be ordered separately:						
	- Titanium white (similar to RAL 9010) *Frames* 5/7	A	**5TG1 893**		1	1/10 units	021
	- Silver or aluminum metallic (similar to RAL 9006) *dto.* 5/7	A	**5TG1 762**		1	1/10 units	021
	- Anthracite or carbon metallic (similar to RAL 7016) Discontinued model *dto.* 5/7	A	**5TG1 835**		1	1/10 units	021
	- Champagne (similar to RAL 7048) Discontinued model *dto.* 5/7	A	**5TG1 705-1**		1	1/10 units	021
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1520/all						
	Product features						
	• Flush-mounting device without an extension unit input • 230 V AC, 50 Hz (N conductor required) • For screw and claw fixing • Type of connection: screw terminals • 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s • Bridging of voltage interruptions < 0.2 s • Connected load: max. 1 motor up to 1000 W • Pulse duration: approx. 2 min • Accuracy: ± 1 min per month • Reserve power: > 6 h • Switching times: max. 4 (in 2 blocks: Mo ... Fr / Sa ... Su) • Factory preset switching times for faster commissioning • Possible reset to factory settings • Manual operation possible at any time						
 5TC1 521	**Comfort shutter/blind controls** • In i-system design • For controlling a blind or shutter motor with mechanical or electronic limit switches • With comprehensive functionality (see the product features) • Menu-controlled operation by means of 4 control buttons						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TC1 521**		1	1 unit	024
	• Silver or aluminum metallic (similar to RAL 9006)	A	**5TC1 523**		1	1 unit	024
	• Anthracite or carbon metallic (similar to RAL 7016)	A	**5TC1 525**		1	1 unit	024
	• Champagne (similar to RAL 7048) Discontinued model	A	**5TC1 557**		1	1 unit	024
	Note / Section / Page						
	• The *sun sensor* must be ordered separately, see ... *Accessories and spare parts* 5/42	A	**5TC1 526**		1	1 unit	024
	• Cutout frames must be ordered separately, see ... *Frames* 5/6						
	• The following *intermediate frames, for inserting devices with cover plate 55 mm x 55 mm* must be ordered separately:						
	- Titanium white (similar to RAL 9010) *Frames* 5/7	A	**5TG1 893**		1	1/10 units	021
	- Silver or aluminum metallic (similar to RAL 9006) *dto.* 5/7	A	**5TG1 762**		1	1/10 units	021
	- Anthracite or carbon metallic (similar to RAL 7016) Discontinued model *dto.* 5/7	A	**5TG1 835**		1	1/10 units	021
	- Champagne (similar to RAL 7048) Discontinued model *dto.* 5/7	A	**5TG1 705-1**		1	1/10 units	021
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1521/all						

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	Product features						
	• Flush-mounting device without an extension unit input • 230 V AC, 50 Hz (N conductor required) • For screw and claw fixing • Type of connection: screw terminals • 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s • Bridging of voltage interruptions < 0.2 s • Connected load: max. 1 motor up to 1000 W • Pulse duration: 2 min factory setting, may be changed to as much as 12 min by programming • Accuracy: ± 1 min per month • Reserve power: approx. 24 h • Switching times: max. 18 (can be split up in three memories) • Factory preset switching times for faster commissioning • Possible reset to factory settings • Random generator ± 15 min • Astro program (can be delayed by ± 1 h 59 min) • Easy changeover to daylight savings • Twilight and sun protection function is possible with an optional sun sensor • The random and astro functions can be combined • Manual operation possible at any time						
 5TC1 270	**Shutter/blind control flush-mounting isolating relays** • Double, with individual control • Relay for the control of several shutters or blinds • Two motors can be controlled per isolating relay, even if further isolating relays are connected downstream • Option for individual control of connected motors over shutter/blind pushbutton (e.g. 5TA2 114) • The isolating relay is to be installed into a surface-mounting or flush-mounting box (flush-mounting box from 70 mm Ø or surface-mounting boxes from 100 mm x 100 mm) • Only for in-phase operation • 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz • 58 mm x 59 mm x 22 mm	A	**5TC1 270**		1	1 unit	024
	Note / Section / Page						
	For Technical specifications, see ... / *Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays* / 19/58						
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1270/all						
 5TC1 271	**Shutter/blind control flush-mounting isolating relays, compact** • Relay for the control of several shutters or blinds • A maximum of two motors can be connected per compact isolating relay, whereby the drive connected to the marked motor terminals can also be individually controlled over a shutter/blind pushbutton • If cascaded, a motor can be connected to each compact isolating relay, which can also be individually controlled over a shutter/blind pushbutton • The isolating relay is to be installed into a surface-mounting or flush-mounting box (flush-mounting box from 60 mm Ø, 40 mm deep or surface-mounting boxes from 75 mm x 75 mm) • Only for in-phase operation • 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz • 50 mm x 53 mm x 22 mm	A	**5TC1 271**		1	1 unit	024
	Note / Section / Page						
	For Technical specifications, see ... / *Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact* / 19/59						
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1271/all						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information Size of cover plates: 65 mm x 65 mm						
Note						
• The color silver is identical to aluminum metallic (i-system). • The color anthracite is identical to carbon metallic (i-system).						
Rotary dimmers						
Cover plates with rotary button, for dimmers						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TC8 904**		1	1/10 units	024
• Silver (similar to RAL 9006)	A	**5TC8 906**		1	1/10 units	024
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TC8 907**		1	1/10 units	024
• Champagne (similar to RAL 7048) Discontinued model	A	**5TC8 908**		1	1/10 units	024



5TC8 904

Symbol	Inserts	Section	Page	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
R	*Incandescent lamp dimmers, 50 ... 400 W*	*Functions / Switching/Pushbutton Control/Dimming*	10/11	A	**5TC8 256**		1	1 unit	024
R	*Incandescent lamp dimmers, 50 ... 600 W, for two-way switching*	*dto.*	10/12	A	**5TC8 257**		1	1 unit	024
R, L	*Low-voltage dimmers, for magnetic transformers, 50 ... 600 W, 25 ... 500 VA, for two-way switching*	*dto.*	10/12	A	**5TC8 283**		1	1 unit	024
R, C	*Low-voltage dimmers, for electronic transformers, 20 ... 600 W, 20 ... 525 VA, for two-way switching*	*dto.*	10/13	A	**5TC8 284**		1	1 unit	024
R, C	*Low-voltage dimmers, for electronic transformers, 60 ... 800 W, 60 ... 800 VA, for two-way switching*	*dto.*	10/13	A	**5TC8 258**		1	1 unit	024
X	*Electronic potentiometers, switch*	*dto.*	10/15	A	**5TC8 424**		1	1 unit	024
X	*Electronic potentiometers, pushbutton*	*dto.*	10/16	A	**5TC8 425**		1	1 unit	024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG

Sensor dimmer



5TG8 356

Cover plates with sensor area

Versions	DT	Order No.	PU (UNIT, SET, M)	PS*/ P. unit	PG
• Titanium white (similar to RAL 9010)	A	**5TG8 356**	1	1/10 units	024
• Silver (similar to RAL 9006)	A	**5TG8 391**	1	1/10 units	024
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG8 357**	1	1/10 units	024
• Champagne (similar to RAL 7048) Discontinued model	A	**5TG8 384-1**	1	1/10 units	024

Symbol	Power	Inserts	Section	Page					
R, L	*20 ... 400 W*	*Sensor dimmer* • *Without memory function*	*Functions / Switching/Pushbutton Control/Dimming dto.*	10/14	A	**5TC8 240**	1	1 unit	024
	20 ... 300 VA	• *With memory function*		10/14	A	**5TC8 232**	1	1 unit	024

Touch dimmers



5TC1 310

sys pushbuttons

Versions	DT	Order No.	PU (UNIT, SET, M)	PS*/ P. unit	PG
• Titanium white (similar to RAL 9010)	A	**5TC1 310**	1	1 unit	024
• Silver (similar to RAL 9006)	A	**5TC1 313**	1	1 unit	024
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TC1 312**	1	1 unit	024
• Champagne (similar to RAL 7048) Discontinued model	A	**5TC1 314**	1	1 unit	024

Symbol	Power	Inserts	Section	Page					
R, L, C	*50 ... 420 W*	*Universal dimmer sys inserts*	*Functions / Switching/Pushbutton Control/Dimming*	10/15	A	**5TC1 230**	1	1 unit	024
	50 ... 420 VA								
	70 ... 420 VA								

Note	Section	Page
• Cutout frames must be ordered separately, see ...	*Frames*	5/6
• For a more detailed explanation of the sys pushbutton, see ...	*Functions / Remote Control Systems*	16/2
• For Technical specifications, see ...	*Technical Information / Dimmers / sys pushbuttons*	19/18

Note

Download the operating and mounting instructions from:
http://support.automation.siemens.com/ww/view/en/5tc1310/all

Touch dimmers with radio control



5WG3 210-2AB11

UP 210 wave pushbuttons

Versions	DT	Order No.	PU (UNIT, SET, M)	PS*/ P. unit	PG
• Titanium white (similar to RAL 9010)	A	**5WG3 210-2AB11**	1	1 unit	022
• Silver (similar to RAL 9006)	B	**5WG3 210-2AB71**	1	1 unit	022
• Anthracite (similar to RAL 7016) Discontinued model	C	**5WG3 210-2AB21**	1	1 unit	022

Symbol	Power	Inserts	Section	Page					
R, L, C	*50 ... 420 W*	*Universal dimmer sys inserts*	*Functions / Switching/Pushbutton Control/Dimming*	19/19	A	**5TC1 230**	1	1 unit	024
	50 ... 420 VA								
	70 ... 420 VA								

Note	Section	Page
• Cutout frames must be ordered separately, see ...	*Frames*	5/6
• For a more detailed explanation of the *UP 210 wave pushbutton*, see ...	*Functions / Remote Control Systems*	16/2

Note

Download the operating and mounting instructions from:
http://support.automation.siemens.com/ww/view/en/5wg3210-2ab11/all

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Touch switches with radio control



5WG3 210-2AB11

UP 210 wave pushbuttons

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions						
• Titanium white (similar to RAL 9010)	A	**5WG3 210-2AB11**		1	1 unit	022
• Silver (similar to RAL 9006)	B	**5WG3 210-2AB71**		1	1 unit	022
• Anthracite (similar to RAL 7016) Discontinued model	C	**5WG3 210-2AB21**		1	1 unit	022

Power	Inserts	Section	Page					
25 ... 250 VA	*sys switching inserts, 25 ... 250 VA*	*Functions / Switching/Pushbutton Control/Dimming*	10/16	A	**5TC1 232**		1	1 unit	024
15 ... 500 VA	*sys switching inserts, 15 ... 500 VA*	*dto.*	10/17	A	**5TC1 233**		1	1 unit	024

Note	Section	Page
• Cutout frames must be ordered separately, see ...	*Frames*	5/6
• For a more detailed explanation of the *UP 210 wave pushbutton*, see ...	*Functions / Remote Control Systems*	16/2

Note

Download the operating and mounting instructions from:
http://support.automation.siemens.com/ww/view/en/5wg3210-2ab11/all

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Size of tops: 55 mm x 55 mm • Degree of protection: IP20						
 5TC1 503 (front)  5TC1 503 (back)	**Motion detector tops** • In i-system design • The motion detector top responds to heat motions and initiates a switching operation • The lighting remains switched on as long as the motion detector top detects movement, otherwise it is switched off after the fixed delay time of approx. 2 min • The lighting is only switched on again after a locking time of 3 s • Depending on technical requirements (relay, triac or extension unit insert), the motion detector top is operated in combination with a motion detector insert • The sensing range can be extended if combined with a motion detector extension unit insert • 2 different versions are available, depending on the required mounting height (1.10 or 2.20 m) • Thanks to their modular design, tops and inserts can be freely combined • The sensing range of a center unit can be extended by connecting a maximum of 10 motion detector extension units • The number of connectable passive extension units is unlimited (e.g. push-button, 1 NO contact, 5TD2 120) • The sensitivity is infinitely adjustable between 20 and 100 %					
Versions						
• Mounting height 1.10 m						
- Titanium white (similar to RAL 9010)	A	**5TC1 503**		1	1 unit	024
- Silver or aluminum metallic (similar to RAL 9006)	A	**5TC1 507**		1	1 unit	024
- Anthracite or carbon metallic (similar to RAL 7016)	A	**5TC1 512**		1	1 unit	024
- Champagne (similar to RAL 7048) Discontinued model	A	**5TC1 535**		1	1 unit	024
• Mounting height 2.20 m						
- Titanium white (similar to RAL 9010)	A	**5TC1 504**		1	1 unit	024
- Silver or aluminum metallic (similar to RAL 9006)	A	**5TC1 508**		1	1 unit	024
- Anthracite or carbon metallic (similar to RAL 7016)	A	**5TC1 513**		1	1 unit	024
- Champagne (similar to RAL 7048) Discontinued model	A	**5TC1 540**		1	1 unit	024
Inserts / Section / Page						
• *Motion detector relay inserts* — *Functions / Motion Detectors* — 11/2	A	**5TC1 500**		1	1 unit	024
• *Motion detector triac inserts* — *dto.* — 11/2	A	**5TC1 501**		1	1 unit	024
• *Motion detector extension unit inserts* — *dto.* — 11/3	A	**5TC1 502**		1	1 unit	024
Note / Section / Page						
• Cutout frames must be ordered separately, see ... — *Frames* — 5/6						
• The following intermediate frames, 55 mm x 55 mm, must be ordered separately:						
- Titanium white (similar to RAL 9010) — *Frames* — 5/7	A	**5TG1 893**		1	1/10 units	021
- Silver or aluminum metallic (similar to RAL 9006) — *dto.* — 5/7	A	**5TG1 762**		1	1/10 units	021
- Anthracite or carbon metallic (similar to RAL 7016) Discontinued model — *dto.* — 5/7	A	**5TG1 835**		1	1/10 units	021
- Champagne (similar to RAL 7048) Discontinued model — *dto.* — 5/7	A	**5TG1 705-1**		1	1/10 units	021
Note						
Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1503/all						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Motion detectors

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	Technical specifications								
	• Sensing angle	Approx. 180°							
	• Mounting height	1.10 m / 2.20 m (depending on the version)							
	• Sensing field								
	- 1.10 m lens	Approx. 12 m x 12 m							
	- 2.20 m lens	Approx. 12 m x 12 m							
	• Number of lenses/ lens levels								
	- 1.10 m lens	18 / 2							
	- 2.20 m lens	26 / 3							
	• Rated voltage flush-mounting inserts	230 V AC, 50 Hz							
	• Operating temperature	Approx. -20 ... +45 °C							
	• Delay time, permanently set	Approx. 2 min							
	• Locking time after switch-off	Approx. 3 s							
	• Brightness threshold value	Approx. 0 ... 80 lux / day mode							
	• Sensitivity	Approx. 20 ... 100 %							
	• Number of extension units at the flush-mounting insert								
	- Motion detector extension units	Max. 10							
	- Mechanical pushbuttons	Unlimited							
 5TC1 505 (front)	**Comfort motion detector tops** same as motion detector top, plus: • The Comfort motion detector top can also be set to short-time duty; this way it is possible, for example, to control acoustic signal transducers (bells) for the monitoring of an entry door • The operating mode (continuous OFF/automatic/continuous ON) can be selected by means of a slide switch which can also be secured in the automatic position • The delay time can be infinitely adjusted between 10 s and 30 min								
	Versions								
	• Mounting height 1.10 m								
	- Titanium white (similar to RAL 9010)			A	**5TC1 505**		1	1 unit	024
	- Silver or aluminum metallic (similar to RAL 9006)			A	**5TC1 510**		1	1 unit	024
	- Anthracite or carbon metallic (similar to RAL 7016)			A	**5TC1 514**		1	1 unit	024
	- Champagne (similar to RAL 7048) Discontinued model			A	**5TC1 544**		1	1 unit	024
	• Mounting height 2.20 m								
	- Titanium white (similar to RAL 9010)			A	**5TC1 506**		1	1 unit	024
	- Silver or aluminum metallic (similar to RAL 9006)			A	**5TC1 511**		1	1 unit	024
	- Anthracite or carbon metallic (similar to RAL 7016)			A	**5TC1 515**		1	1 unit	024
	- Champagne (similar to RAL 7048) Discontinued model			A	**5TC1 548**		1	1 unit	024
 5TC1 505 (back)	Inserts	Section	Page						
	• *Motion detector relay inserts*	*Functions / Motion Detectors*	11/2	A	**5TC1 500**		1	1 unit	024
	• *Motion detector triac inserts*	*dto.*	11/2	A	**5TC1 501**		1	1 unit	024
	• *Motion detector extension unit inserts*	*dto.*	11/3	A	**5TC1 502**		1	1 unit	024
	Note	Section	Page						
	• Cutout frames must be ordered separately, see ...	*Frames*	5/6						
	• The following intermediate frames, 55 mm x 55 mm, must be ordered separately:								
	- Titanium white (similar to RAL 9010)	*Frames*	5/7	A	**5TG1 893**		1	1/10 units	021
	- Silver or aluminum metallic (similar to RAL 9006)	*dto.*	5/7	A	**5TG1 762**		1	1/10 units	021
	- Anthracite or carbon metallic (similar to RAL 7016) Discontinued model	*dto.*	5/7	A	**5TG1 835**		1	1/10 units	021
	- Champagne (similar to RAL 7048) Discontinued model	*dto.*	5/7	A	**5TG1 705-1**		1	1/10 units	021
	Note								
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1505/all								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Version		DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Technical specifications							
• Sensing angle	Approx. 180°						
• Mounting height	1.10 m / 2.20 m (depending on the version)						
• Sensing field							
- 1.10 m lens	Approx. 12 m x 12 m						
- 2.20 m lens	Approx. 12 m x 12 m						
• Number of lenses/ lens levels							
- 1.10 m lens	18 / 2						
- 2.20 m lens	26 / 3						
• Rated voltage flush-mounting inserts	230 V AC, 50 Hz						
• Operating temperature	Approx. -20 ... +45 °C						
• Delay time	Approx. 10 s ... 30 min						
• Locking time after switch-off	Approx. 3 s						
• Brightness threshold value	Approx. 0 ... 80 lux / day mode						
• Sensitivity	Approx. 20 ... 100 %						
• Number of extension units at the flush-mounting insert							
- Motion detector extension units	Max. 10						
- Mechanical pushbuttons	Unlimited						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Room temperature controllers

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information Size of cover plates: 65 mm x 65 mm								
	Note	Section	Page						
	Cutout frames must be used, see ...	*Frames*	5/6						
	Note								
	• The color silver is identical to aluminum metallic (i-system). • The color anthracite is identical to carbon metallic (i-system). • Download the operating and mounting instructions from: http://support.automation.siemens.com/WW/view/en/17738094/133300								
 5TC9 226	**Cover plates for room temperature controllers, NC/CO**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC9 226**		1	1/25 units	024
	• Silver (similar to RAL 9006)			A	**5TC9 228**		1	1 unit	024
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TC9 230**		1	1 unit	024
	• Champagne (similar to RAL 7048) Discontinued model			A	**5TC9 231**		1	1 unit	024
	Inserts	Section	Page						
	• *Room temperature controllers, 1 NC contact*	*Functions / Room Temperature Controllers dto.*	14/2	A	**5TC9 200**		1	1 unit	024
	• *Room temperature controllers, 1 CO contact*		14/2	A	**5TC9 201**		1	1/100 units	024
 5TC9 234	**Cover plates for room temperature controllers, 3-position switch** Possible positions: automatic timing, constant day temperature, constant nighttime reduction								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC9 234**		1	1 unit	024
	• Silver (similar to RAL 9006)			A	**5TC9 236**		1	1 unit	024
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TC9 237**		1	1 unit	024
	• Champagne (similar to RAL 7048) Discontinued model			A	**5TC9 238**		1	1 unit	024
	Inserts	Section	Page						
	Room temperature controllers, 3-position switch	*Functions / Room Temperature Controllers*	14/2	A	**5TC9 202**		1	1 unit	024
 5TC9 242	**Cover plates for room temperature controllers, direct floor heating**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC9 242**		1	1 unit	024
	• Silver (similar to RAL 9006)			A	**5TC9 244**		1	1 unit	024
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TC9 245**		1	1 unit	024
	• Champagne (similar to RAL 7048) Discontinued model			A	**5TC9 246**		1	1 unit	024
	Inserts	Section	Page						
	Room temperature controllers, direct floor heating	*Functions / Room Temperature Controllers*	14/3	A	**5TC9 203**		1	1 unit	024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information Size of rockers: 65 mm x 65 mm						
Note / Section / Page						
Cutout frames must be ordered separately, see ... — *Frames* — 5/6						
Note						
• The color silver is identical to aluminum metallic (i-system). • The color anthracite is identical to carbon metallic (i-system). • Download the operating and mounting instructions from: http://support.automation.siemens.com/WW/view/en/17738094/133300						
 5WG1 241-2AB11						
UP 241 pushbuttons, single With labeling field, status display and orientation light						
Versions						
• Titanium white (similar to RAL 9010)	A	**5WG1 241-2AB11**		1	1 unit	022
• Silver (similar to RAL 9006)	B	**5WG1 241-2AB71**		1	1 unit	022
• Anthracite (similar to RAL 7016) Discontinued model	C	**5WG1 241-2AB21**		1	1 unit	022
Inserts / Section / Page						
• *UP 110 bus coupling units* - *Mounting depth 27 mm* — *Functions / GAMMA Bus Coupling Units* — 18/2	A	**5WG1 110-2AB03**		1	1 unit	030
- *Mounting depth 19 mm* — *dto.* — 18/3	A	**5WG1 110-2AB11**		1	1 unit	030
• *UP 110 wall-mounted transmitter 230 V wave* — *Functions / Remote Control Systems* — 16/5	B	**5WG3 110-2AB11**		1	1 unit	030
• *UP 110 wall-mounted transmitter "Batterie" wave* — *dto.* — 16/5	A	**5WG3 110-2AB01**		1	1 unit	030
• *UP 560 wall-mounted transmitter "Aktor" 230 V wave* — *dto.* — 16/6	A	**5WG3 560-2AB01**		1	1 unit	030
Note						
Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool						
 5WG1 233-2AB11						
UP 233 + IR pushbuttons, single • With labeling field and status indication, single • 1 local pushbutton pair is available • As many as 14 out of 64 infrared channels can be realized with infrared wall-mounted and hand-held transmitters and decoded in the UP 114 bus coupling unit • Discontinued model						
Versions						
• Titanium white (similar to RAL 9010)	B	**5WG1 233-2AB11**		1	1 unit	022
• Silver (similar to RAL 9006)	B	**5WG1 233-2AB71**		1	1 unit	022
• Anthracite (similar to RAL 7016)	C	**5WG1 233-2AB21**		1	1 unit	022
Inserts / Section / Page						
UP 114 bus coupling units — *Functions / GAMMA Bus Coupling Units* — 18/3	A	**5WG1 114-2AB02**		1	1 unit	030
Note						
Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool						
 5WG1 242-2AB11						
UP 242 pushbuttons, single With labeling field, symbols I/O, orientation light and status display, single						
Versions						
• Titanium white (similar to RAL 9010)	B	**5WG1 242-2AB11**		1	1 unit	022
• Silver (similar to RAL 9006)	B	**5WG1 242-2AB71**		1	1 unit	022
• Anthracite (similar to RAL 7016) Discontinued model	C	**5WG1 242-2AB21**		1	1 unit	022
Inserts / Section / Page						
• *UP 110 bus coupling units* - *Mounting depth 27 mm* — *Functions / GAMMA Bus Coupling Units* — 18/2	A	**5WG1 110-2AB03**		1	1 unit	030
- *Mounting depth 19 mm* — *dto.* — 18/3	A	**5WG1 110-2AB11**		1	1 unit	030
• *UP 110 wall-mounted transmitter 230 V wave* — *Functions / Remote Control Systems* — 16/5	B	**5WG3 110-2AB11**		1	1 unit	030
• *UP 110 wall-mounted transmitter "Batterie" wave* — *dto.* — 16/5	A	**5WG3 110-2AB01**		1	1 unit	030
• *UP 560 wall-mounted transmitter "Aktor" 230 V wave* — *dto.* — 16/6	A	**5WG3 560-2AB01**		1	1 unit	030
Note						
Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool						

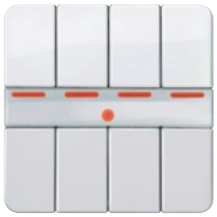
* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 243-2AB11	**UP 243 pushbuttons, double** With labeling field, orientation light and status display, double								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 243-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG1 243-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			C	**5WG1 243-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	• *UP 110 bus coupling units*								
	- Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	- Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	• *UP 110 wall-mounted transmitter 230 V wave*	*Functions / Remote Control Systems*	16/5	B	**5WG3 110-2AB11**		1	1 unit	030
	• *UP 110 wall-mounted transmitter "Batterie" wave*	*dto.*	16/5	A	**5WG3 110-2AB01**		1	1 unit	030
	• *UP 560 wall-mounted transmitter "Aktor" 230 V wave*	*dto.*	16/6	A	**5WG3 560-2AB01**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5WG1 234-2AB11	**UP 234 + IR pushbuttons, double** • With labeling field and status indication, double • 2 local pushbutton pairs are available • As many as 14 out of 64 infrared channels can be realized with infrared wall-mounted and hand-held transmitters and decoded in the UP 114 bus coupling unit • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			B	**5WG1 234-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG1 234-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016)			C	**5WG1 234-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 114 bus coupling units	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5WG1 244-2AB11	**UP 244 pushbuttons, double** With labeling field, symbols I/O, orientation light and status display, double								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 244-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG1 244-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			C	**5WG1 244-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	• *UP 110 bus coupling units*								
	- Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	- Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	• *UP 110 wall-mounted transmitter 230 V wave*	*Functions / Remote Control Systems*	16/5	B	**5WG3 110-2AB11**		1	1 unit	030
	• *UP 110 wall-mounted transmitter "Batterie" wave*	*dto.*	16/5	A	**5WG3 110-2AB01**		1	1 unit	030
	• *UP 560 wall-mounted transmitter "Aktor" 230 V wave*	*dto.*	16/6	A	**5WG3 560-2AB01**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 245-2AB11	**UP 245 pushbuttons, quadruple** With labeling field, orientation light and status display, quadruple								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 245-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG1 245-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			C	**5WG1 245-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5WG1 235-2AB11	**UP 235 + IR pushbuttons, quadruple** • With labeling field and status display, quadruple • 4 local pushbutton pairs are available • As many as 14 out of 64 infrared channels can be realized with infrared wall-mounted and hand-held transmitters and decoded in the UP 114 bus coupling unit • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			B	**5WG1 235-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG1 235-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016)			C	**5WG1 235-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 114 bus coupling units	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5WG1 246-2AB11	**UP 246 pushbuttons, quadruple** With labeling field, symbols I/O, orientation light and status display, quadruple								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 246-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG1 246-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			C	**5WG1 246-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5WG1 230-2AB12	**UP 230/2 pushbuttons** • Center position • With motion detector and brightness sensor • 2 outer rockers per 2 LEDs • 2 inner rockers per 1 LED • Size of cover plates: 65 mm x 65 mm • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			B	**5WG1 230-2AB12**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG1 230-2AB72**		1	1 unit	022
	• Anthracite (similar to RAL 7016)			C	**5WG1 230-2AB22**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

GAMMA *instabus*

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 231-2AB13	**UP 231/3 pushbuttons** • With adaptive room temperature controller • Pushbutton contains the function of a double bus pushbutton and an adaptive room temperature controller • The adaptive control saves time when commissioning the controller and prevents control problems due to incorrectly set controller parameters (P, I-values) • The integrated sequence control ensures optimal control when combining floor and radiator heating in a single room • The room temperature measurement can be implemented using the integrated sensor, or an external sensor or weighted using both • Height: 28 mm (incl. spring) • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			X	**5WG1 231-2AB13**		1	1 unit	022
	• Silver (similar to RAL 9006)			X	**5WG1 231-2AB73**		1	1 unit	022
	• Anthracite (similar to RAL 7016)			X	**5WG1 231-2AB23**		1	1 unit	022
	Inserts	Section	Page						
	UP 114 bus coupling units	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030
 5WG1 585-2AB11	**UP 584/585 display and control units** • Graphical LCD with integrated DELTA bus coupling unit for display of up to 16 user programmable indications • Each indication can be displayed on up to 3 lines • Up to five lines visible on the LCD depending on the font selected • The 4 pushbuttons can be used to select indications, trip switching commands or change temperature setpoints or brightness values in % • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 585-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG1 585-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016)			C	**5WG1 585-2AB21**		1	1 unit	022
	Technical specifications								
	• LCD resolution	132 x 65 pixels							
	• Fonts	Can be selected or are user configurable							
	• Background lighting	Continuously "ON" or continuously "OFF" using pushbuttons with adjustable delay time, by means of bus telegram or alarm function							
	• Alarm functions	Visual and/or acoustic with acknowledgment option							

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 255-2AB11	**UP 255 motion detectors** • Proximity switches for detecting persons • The integrated passive infrared motion sensor (PIR) reacts to temperature changes in its monitoring range • Can be used as stand-alone device or for main and secondary mode								
	Versions								
	• Mounting height 1.10 m								
	- Titanium white (similar to RAL 9010)			A	**5WG1 255-2AB11**		1	1 unit	022
	- Silver (similar to RAL 9006)			A	**5WG1 255-2AB71**		1	1 unit	022
	- Anthracite (similar to RAL 7016) Discontinued model			B	**5WG1 255-2AB21**		1	1 unit	022
	• Mounting height 2.10 m								
	- Titanium white (similar to RAL 9010)			A	**5WG1 255-2AB12**		1	1 unit	022
	- Silver (similar to RAL 9006)			A	**5WG1 255-2AB72**		1	1 unit	022
	- Anthracite (similar to RAL 7016) Discontinued model			B	**5WG1 255-2AB22**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	Technical specifications								
	• Horizontal sensing angle	180° in 2 levels, can be reduced up to 90° left or right using detachable blanking cover							
	• Range	• Approx. 10 m (frontal for mounting height 1.10 m) • Approx. 12 m (frontal for mounting height 2.20 m) • Approx. 6 m (laterally in both directions) potentiometer for infinite adjustment between 100 and 20 %							
	• Light sensors	Adjustable in various steps from approx. 1 ... 1000 lux (night to day operation)							
 5WG1 252-2AB13	**UP 252 room temperature controllers** • Can be used as a two-position controller or continuous-action controller • For controlling electrothermal or electromotive actuators • 5 LEDs for operating status display • Presence pushbuttons • Rotary button for shifting the basic setpoint • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 252-2AB13**		1	1 unit	022
	• Silver (similar to RAL 9006)			A	**5WG1 252-2AB73**		1	1 unit	022
	• Anthracite (similar to RAL 7016)			C	**5WG1 252-2AB23**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
 5WG1 146-2AB11	**UP 146 RS 232 interfaces** • Supports connection of a PC: for addressing, parameter assignment, visualization, logging and diagnosis of the bus devices • Transfer rate: 9600/19200 baud								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 146-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			D	**5WG1 146-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			D	**5WG1 146-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

GAMMA *instabus*

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 146-2EB11	**UP 146 E interfaces** • Supports connection of a PC to the KNX EIB over the integrated USB socket (type B): for addressing, parameter assignment, visualization, logging and diagnosis of the bus devices • Connection can be implemented either using the standard or the FT1.2 protocol • Transfer rate: 9600 baud (19200 baud with FT1.2)								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 146-2EB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			C	**5WG1 146-2EB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			B	**5WG1 146-2EB21**		1	1 unit	022
	Inserts	Section	Page						
	• *UP 110 bus coupling units*	*Functions / GAMMA Bus Coupling Units*							
	- *Mounting depth 27 mm*	*dto.*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	- *Mounting depth 19 mm*	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	• *UP 114 bus coupling units*	*dto.*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030
 5WG3 140-2AB11	**UP 140 wave/*instabus* couplers** • Connects the GAMMA wave radio system with the GAMMA *instabus* coupler. It is a special wave pushbutton, which is clipped onto an insta-bus UP 114 bus coupling unit • Transmission is bidirectional • Indications and commands that are received over radio waves are sent on the *instabus* and vice versa • Bus telegrams received over radio waves are forwarded • The pushbutton of the coupler also supports an additional operator function over radio and/or over *instabus* • The coupler is programmed and the radio components are taught using the ETS • Height: 25 mm (incl. spring)								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG3 140-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG3 140-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			C	**5WG3 140-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 114 bus coupling units	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030
 5WG1 252-2EB11	**UP 252E fan-coil unit controllers for offices**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 252-2EB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			A	**5WG1 252-2EB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			B	**5WG1 252-2EB21**		1	1 unit	022
 5WG1 252-2FB11	**UP 252F fan-coil unit controllers for hotels**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 252-2FB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			A	**5WG1 252-2FB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			B	**5WG1 252-2FB21**		1	1 unit	022
 5WG1 272-2AB11	**UP 272 water sensors** With 2 m sensor cable								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 272-2AB11**		1	1 unit	022
	• Silver (similar to RAL 9006)			B	**5WG1 272-2AB71**		1	1 unit	022
	• Anthracite (similar to RAL 7016) Discontinued model			C	**5WG1 272-2AB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units • *Mounting depth 27 mm*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• *Mounting depth 19 mm*	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

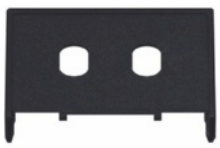
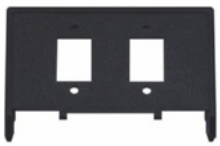
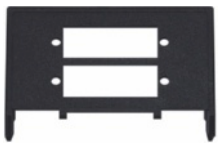
Selection and ordering data

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information Size of cover plates: 65 mm x 65 mm								
Note								
• The color silver is identical to aluminum metallic (i-system). • The color anthracite is identical to carbon metallic (i-system).								
 5TG1 800-2	**Cover plates for TAE outlet boxes and loudspeaker outlet boxes**							
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG1 800-2**		1	1/10 units	021
• Silver (similar to RAL 9006)			A	**5TG1 760-2**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG1 830-2**		1	1/10 units	021
• Champagne (similar to RAL 7048) Discontinued model			A	**5TG1 700-2**		1	1/10 units	021
Inserts	Section	Page						
• *TAE 6F+N, black*[1)]	*Functions / Data and Communication Systems*	15/2	A	**5TG2 853**		1	1 unit	021
• *TAE 3x 6NFN, black*[1)]	*dto.*	15/2	A	**5TG2 480**		1	1 unit	021
• *TAE 2x 6/6NFF, black*[1)]	*dto.*	15/3	A	**5TG2 854**		1	1 unit	021
• *UAE 8/6/TAE 6F+N, black*	*dto.*	15/3	A	**5TG2 855**		1	1 unit	021
• *Loudspeaker outlet boxes*								
- *Single*	*dto.*	15/7	A	**5TG2 467-2**		1	1 unit	021
- *Double*	*dto.*	15/7	A	**5TG2 468-2**		1	1 unit	021
Footnote								
[1)] Version for Austria on request.								
 5TG1 818	**Cover plates for UAE outlet boxes** • For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6) • For Cat.6 inserts from BTR (E-DAT) • With 45° inclined outlet • For single and double • Inclined outlet can be knocked out for 2 × 8 inserts							
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG1 818**		1	1/10 units	021
• Silver (similar to RAL 9006)			A	**5TG1 765**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG1 848**		1	1/10 units	021
• Champagne (similar to RAL 7048) Discontinued model			A	**5TG1 938-1**		1	1/10 units	021
Inserts	Section	Page						
UAE outlet boxes								
• *Cat.3, Rutenbeck, 1 x 8-pole*	*Functions / Data and Communication Systems*	15/3	A	**5TG2 417**		1	1 unit	021
• *Cat.3, Rutenbeck, 2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 406**		1	1 unit	021
• *Cat.5e, Rutenbeck, 1 x 8-pole*	*dto.*	15/3	A	**5TG2 418**		1	1 unit	021
• *Cat.5e, Rutenbeck, 2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 407**		1	1 unit	021
• *Real Cat.6, Rutenbeck, 2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 448**		1	1 unit	021
 5TG1 821	**Cover plates for UAE outlet boxes, with labeling field** • For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6) • For Cat.6 inserts from BTR (E-DAT) • With 45° inclined outlet • For single and double • Inclined outlet can be knocked out for 2 × 8 inserts							
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG1 821**		1	1/10 units	021
• Silver (similar to RAL 9006)			A	**5TG1 767**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG1 851**		1	1/10 units	021
• Champagne (similar to RAL 7048) Discontinued model			A	**5TG1 940-1**		1	1/10 units	021
Inserts	Section	Page						
UAE outlet boxes								
• *Cat.3, Rutenbeck, 1 x 8-pole*	*Functions / Data and Communication Systems*	15/3	A	**5TG2 417**		1	1 unit	021
• *Cat.3, Rutenbeck, 2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 406**		1	1 unit	021
• *Cat.5e, Rutenbeck, 1 x 8-pole*	*dto.*	15/3	A	**5TG2 418**		1	1 unit	021
• *Cat.5e, Rutenbeck, 2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 407**		1	1 unit	021
• *Real Cat.6, Rutenbeck, 2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 448**		1	1 unit	021
Note								
Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Communication

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG2 056	**Cover plates, for Modular Jack support plate** • Cover plates with shutter • For Modular Jack support plates								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG2 056**		1	1/10 units	021
	• Electrical white (RAL 1013)			A	**5TG2 057**		1	1/10 units	021
	• Silver or aluminum metallic (similar to RAL 9006) NEW			A	**5TG2 124**		1	1/10 units	021
	• Anthracite or carbon metallic (similar to RAL 7016)			A	**5TG2 125**		1	1/10 units	021
	Inserts	Section	Page						
	Modular Jack support plates								
	• *Red inserts*	*Functions / Data and Communication Systems*	15/4	A	**5TG2 078**		1	1 unit	021
	• *Black inserts*	*dto.*	15/4	A	**5TG2 080**		1	1/10 units	021
	• *Yellow inserts*	*dto.*	15/4	A	**5TG2 081**		1	1 unit	021
	• *Orange inserts*	*dto.*	15/5	A	**5TG2 082**		1	1 unit	021
	• *Blue inserts*	*dto.*	15/5	A	**5TG2 083**		1	1 unit	021
	• *Brown inserts*	*dto.*	15/5	A	**5TG2 084**		1	1 unit	021
	• *Green inserts*	*dto.*	15/5	A	**5TG2 058**		1	1 unit	021
	• *Beige inserts*	*dto.*	15/6	A	**5TG2 098**		1	1 unit	021
	Note								
	• Intermediate frame required for insertion in devices, 55 x 55 mm (5TG1 893) • Cutout frames necessary								
 5TG1 916	**Cover plates, inclined outlet** For fiber-optic mounting plates								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG1 916**		1	1 unit	021
	• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG1 918**		1	1 unit	021
	Note	Section	Page						
	Cutout frames must be used, see ...	*Frames*	5/6						
 5TG1 913	**Mounting plates for "cover plates, inclined outlet", 2 x "ST" AMP** For fiber-optic installation coupling			A	**5TG1 913**		1	1/10 units	021
 5TG1 914	**Mounting plates for "cover plates, inclined outlet", 2 x "SC"** For fiber-optic installation coupling			A	**5TG1 914**		1	1/10 units	021
 5TG1 915	**Mounting plates for "cover plates, inclined outlet", 2 x "SC Duplex" AMP** For fiber-optic installation coupling			A	**5TG1 915**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Degree of protection: IP20 • Size of cover plates: 65 mm x 65 mm								
Note								
• The color silver is identical to aluminum metallic (i-system). • The color anthracite is identical to carbon metallic (i-system).								
Cover plates for TV/RF/SAT connection, 2-hole and 3-hole version								
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG1 828-2**		1	1/10 units	021
• Silver (similar to RAL 9006)			A	**5TG1 778-2**		1	1/10 units	021
• Anthracite (similar to RAL 7016) Discontinued model			A	**5TG1 858-2**		1	1/10 units	021
• Champagne (similar to RAL 7048) Discontinued model			A	**5TG1 718-2**		1	1/10 units	021
Inserts	Section	Page						
• *Aerial branch-circuit boxes*	*Functions / Data and Communication Systems dto.*	15/2	A	**5TG2 485**		1	1/10 units	021
• *Aerial through-way boxes/ terminal boxes*		15/2	A	**5TG2 484**		1	1/10 units	021



5TG1 828-2

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Equipotential bonding

Selection and ordering data


5TG2 564

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Socket outlets for equipotential bonding, double • Size of cover plates: 55 mm x 55 mm • For screw fixing to DIN 42801 • For cables 1 x 6 mm^2 and 4 x 2.5 mm^2 • Screw terminals • Titanium white (similar to RAL 9010)	A	**5TG2 564**		1	1/10 units	021
Note						
For angled connector according to DIN 42801.						
Note / Section / Page						
Intermediate frame, for inserting devices with cover plate 55 mm x 55 mm must be used, *titanium white*, see ... / *Frames* / 5/7	A	**5TG1 893**		1	1/10 units	021

Surface-mounting enclosures

Selection and ordering data


5TG1 825

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Surface-mounting enclosures Titanium white (similar to RAL 9010)						
Versions						
• Single, 80 mm x 80 mm x 42.5 mm	A	**5TG1 825**		1	1/5 units	021
• Double, 150 mm x 80 mm x 42.5 mm	A	**5TG1 826**		1	1/5 units	021

Module carriers for the m-system

Selection and ordering data


5TG1 911

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Module carriers, 1M • For holding one m-system module • For screw fixing	A	**5TG1 911**		1	1/20 units	021
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG1 911**		1	1/20 units	021
• Silver (similar to RAL 9006)	A	**5TG1 890**		1	1 unit	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG1 855**		1	1 unit	021
Note / Section / Page						
For module inserts, see ... / *Design / m-system* / 8/6						


5TG1 912

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Module carriers, 2M • For holding two m-system modules • For screw fixing	A	**5TG1 912**		1	1/20 units	021
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG1 912**		1	1/20 units	021
• Silver (similar to RAL 9006)	A	**5TG1 891**		1	1 unit	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG1 856**		1	1 unit	021
Note / Section / Page						
For module inserts, see ... / *Design / m-system* / 8/6						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • For screw and claw fixing • Size of cover plates: 65 mm x 65 mm						
	Note						
	• The color silver is identical to aluminum metallic (i-system). • The color anthracite is identical to carbon metallic (i-system).						
 5TG1 810	**Blanking cover plates**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG1 810**		1	1/10 units	021
	• Silver (similar to RAL 9006)	A	**5TG1 770**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG1 840**		1	1/10 units	021
	• Champagne (similar to RAL 7048) Discontinued model	A	**5TG1 710-1**		1	1/10 units	021
	Note: The blanking cover plate can also be used with the *UP 141 repeater wave insert* (5WG3 141-2AB01), see ... — Section: *Remote Control Systems/ GAMMA wave - The Multi-functional Radio System/ Inserts* — Page: 16/5						
 5TG1 807	**Outlet plates**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG1 807**		1	1/10 units	021
	• Silver (similar to RAL 9006)	A	**5TG1 787**		1	1/10 units	021
	• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG1 837**		1	1/10 units	021
	• Champagne (similar to RAL 7048) Discontinued model	A	**5TG1 707-1**		1	1/10 units	021
 5TD2 832	**Cover plates with light signal** • 250 V AC with transformer • With tubular lamp,1.2 W, 12 V AC • With red window • Screw terminals • Discontinued model						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TD2 832**		1	1 unit	021
	• Anthracite (similar to RAL 7016)	A	**5TD2 833**		1	1 unit	021
	• Spare window set, see ... — *Accessories and spare parts* — 5/42 • LED light signals can also be used for optical signaling, see ... — *m-system/Other modules/ LED light signals* — 8/7						
	Note: Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool						
 5TG9 880-3	**LED light signals** • Supply voltage 90 ... 240 V AC, 50/60 Hz • Power consumption: 1 W • Can be fitted horizontally or vertically • Opaque-white						
	Versions						
	• White, illuminated	A	**5TG9 880-3**		1	1 unit	021
	• Blue, illuminated	A	**5TG9 880-4**		1	1 unit	021
	• Red, illuminated	A	**5TG9 880-5**		1	1 unit	021
	• Green, illuminated	A	**5TG9 880-6**		1	1 unit	021
	• For module carriers for DELTA line, DELTA vita and DELTA miro, see ... — *Design / m-system / Module carriers for DELTA line, DELTA vita and DELTA miro* — 8/4 • Module carriers for DELTA profil, see ... — *Design / m-system / Module carriers for the DELTA profil* — 8/5 • For module carriers for DELTA style, see ... — *Design / m-system / Module carriers for DELTA style* — 8/5 • For Technical specifications, see ... — Technical Information / m-system / LED light signals — 19/67						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Add-on devices

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG2 567	**Cover plates for flush-mounting control devices** • For screw fixing • 55 mm x 55 mm						
	Versions						
	• Titanium white (similar to RAL 9010)						
	- For 18.5 mm Ø	A	**5TG2 567**		1	1/10 units	021
	- For 22.5 mm Ø (DIN 43696)	A	**5TG2 568**		1	1/10 units	021
	• Yellow (similar to RAL 1018)						
	- For 18.5 mm Ø		**On request**				
	- For 22.5 mm Ø (DIN 43696)		**On request**				

Note	Section	Page
• Intermediate frames in matching colors must be ordered separately, see ...	*Frames*	5/7
• EMERGENCY-STOP pushbutton, see ...	*Automation Technology / Industrial Switchgear / Control and Signaling Devices / Pushbuttons and LEDs*	–

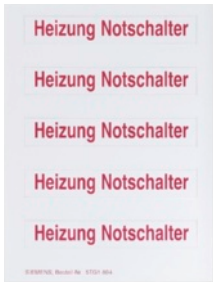
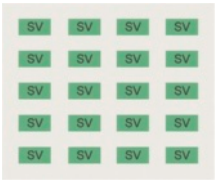
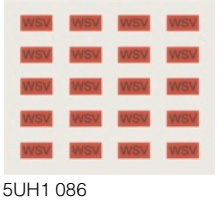
 5TG4 804	**Air conditioning switches** • 3-step rotary switch with neutral position • 20 A, 250 V AC • For screw fixing • With screw terminals						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG4 804**		1	1 unit	021
	• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG4 805**		1	1 unit	021
 5TG4 801	**Volume control** • 3 W, 27 Ω, mono • Axis diameter 4 mm						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG4 801**		1	1 unit	021
	• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG4 802**		1	1 unit	021
 5TC8 926	**Cover plates for speed regulating rheostats** Titanium white (similar to RAL 9010)	A	**5TC8 926**		1	1/10 units	024

Symbol	Inserts	Section	Page					
	Speed regulating rheostats, 0.1 ... 2.6 A	*Functions / Switching/Push-button Control/Dimming*	10/17	A	**5TC8 604**		1	1 unit 024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories for rockers							
 5TG1 894	**Labeling field inserts "Heating Emergency Switch"** (inscription in German) for rockers with labeling field	A	**5TG1 894**		1	1 unit	021
 5TG7 315	**LED light inserts, for switch and pushbutton inserts** For all rockers with windows						
	Fluorescent color / Rated voltage / Power consumption in mA						
	• Red / 1.5 V DC / 2	A	**5TG7 318**		1	1/10 units	021
	8 V AC / 2	A	**5TG7 315**		1	1/10 units	021
	12 V AC / 2	A	**5TG7 316**		1	1/10 units	021
	24 V AC / 2	A	**5TG7 317**		1	1/10 units	021
	230 V AC / 1	A	**5TG7 353**		1	1/10 units	021
	• Orange						
	- normal / 230 V AC / 0.9	A	**5TG7 333**		1	1/10 units	021
	- Strong / 230 V AC / 1.0	A	**5TG7 343**		1	1/10 units	021
	• White / 230 V AC / 1.1	A	**5TG7 354**		1	1/10 units	021
	• Blue / 230 V AC / 1.1	A	**5TG7 355**		1	1/10 units	021
	Note						
	• The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already. • If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.						
 5TG7 321	**Glow lamps for switch and pushbutton inserts** • Protected against contact • 230 V AC • Reduced luminosity • Power consumption 0.18 mA • Base color: white	A	**5TG7 321**		1	1/10 units	021
Accessories for socket outlets							
 5UH1 084	**Label sheets "SV"** • For marking the inserts • 1 sheet contains 20 self-adhesive labels	A	**5UH1 084**		1	1 unit	021
 5UH1 085	**Label sheets "ZSV"** • For marking the inserts • 1 sheet contains 20 self-adhesive labels	A	**5UH1 085**		1	1 unit	021
 5UH1 086	**Label sheets "WSV"** • For marking the inserts • 1 sheet contains 20 self-adhesive labels	A	**5UH1 086**		1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Accessories and spare parts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories for dimmers							
 5TG8 302	**Spare fuses** 250 V Versions						
	• T 1.6 H 250 V - For incandescent lamp dimmers, 50 ... 400 W (5TC8 256) - For sensor dimmers, with/without memory function, 20 ... 400 W (5TC8 240/5TC8 232)	A	**5TG8 302**		1	1/10 units	024
	• T 2.5 H 250 V - For incandescent lamp dimmers, 50 ... 600 W (5TC8 257)	A	**5TG8 305**		1	1/10 units	024
	• T 4 H 250 V - For low-voltage dimmers for magnetic transformers (5TC8 283) - For electronic potentiometers (5TC8 424 and 5TC8 420) - For speed regulating rheostats (5TC8 604)	A	**5TG8 330**		1	1/10 units	024
Accessories for shutter/blind controls							
 5TC1 526	**Sun sensors** • With 2-m connecting cable (extendable to 10 m) • In combination with the Comfort shutter/blind control, the sun sensor can be used for sun protection and twilight functions	A	**5TC1 526**		1	1 unit	024
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Comfort shutter/blind controls* — Page: 19/54						
Spare parts							
 5TG1 897	**Spare tubular lamps** • For light signal insert • 1.2 W, 12 V AC • Discontinued model	A	**5TG1 897**		1	1/10 units	021
 5TG7 304	**Spare glow lamps for SCHUKO® socket outlets with status display** 1.5 mA, 230 V AC/50 Hz	A	**5TG7 304**		1	1/10 units	021
 5UH1 300	**Spare overvoltage protection modules** For SCHUKO® socket outlets with overvoltage protection	A	**5UH1 300**		1	1 unit	021
	Note: For Technical specifications, see ... — Section: *Technical Information / Socket Outlets / SCHUKO® socket outlets with overvoltage protection* — Page: 19/15						
 5TG1 898	**Spare window sets for light signals** • One set contains 2 x red, 2 x clear and 2 x gray • Discontinued model	A	**5TG1 898**		1	1/10 sets	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

DELTA style

6



6/2 Introduction
6/5 Frames
6/6 Switches and pushbuttons
6/11 Socket outlets
6/15 International plug-and-socket devices
6/16 Shutter/blind controls
6/19 Lighting controls
6/21 Motion detectors
6/23 Room temperature controllers
6/24 GAMMA *instabus*
6/29 Communication
6/31 TV/RF/SAT
6/32 Surface-mounting enclosures
6/33 Module carriers for the m-system
6/34 Add-on devices
6/36 Accessories and spare parts

© Siemens AG 2011

Introduction

Overview

Colors and designs of the DELTA style product range



Titanium white



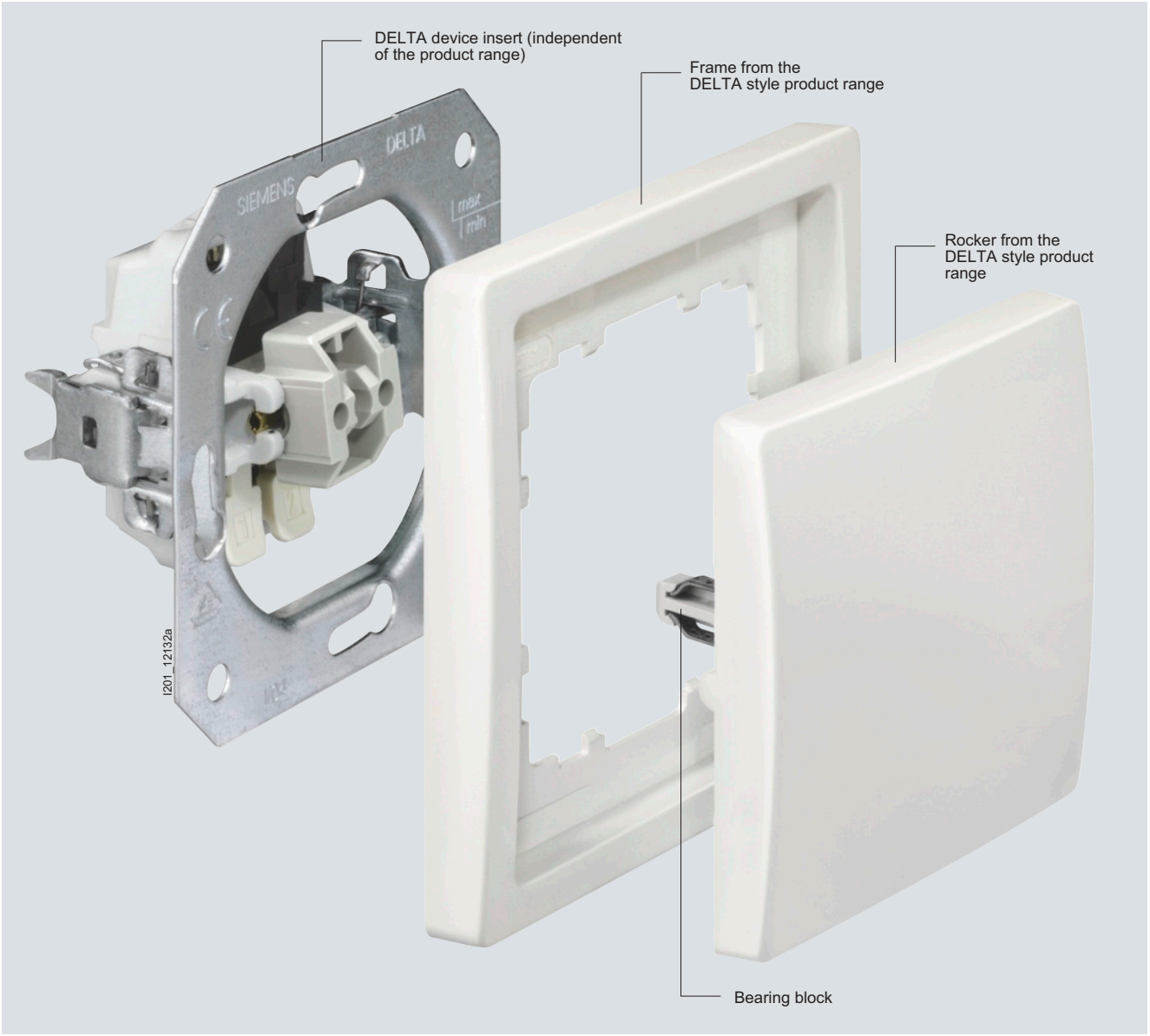
Platinum metallic



Basalt black

© Siemens AG 2011

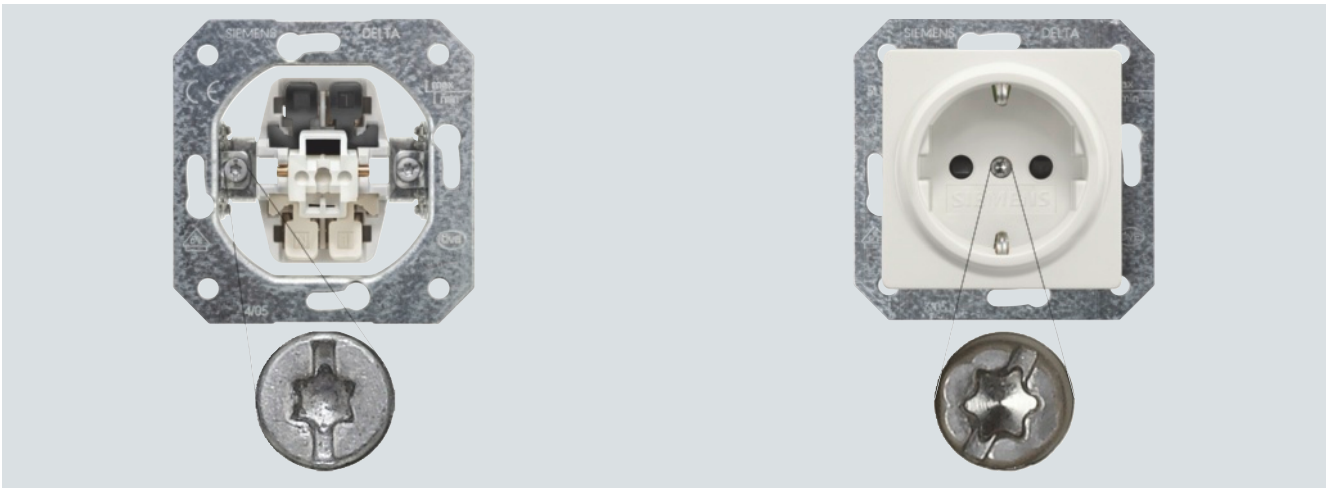
Technical design of the DELTA style product range



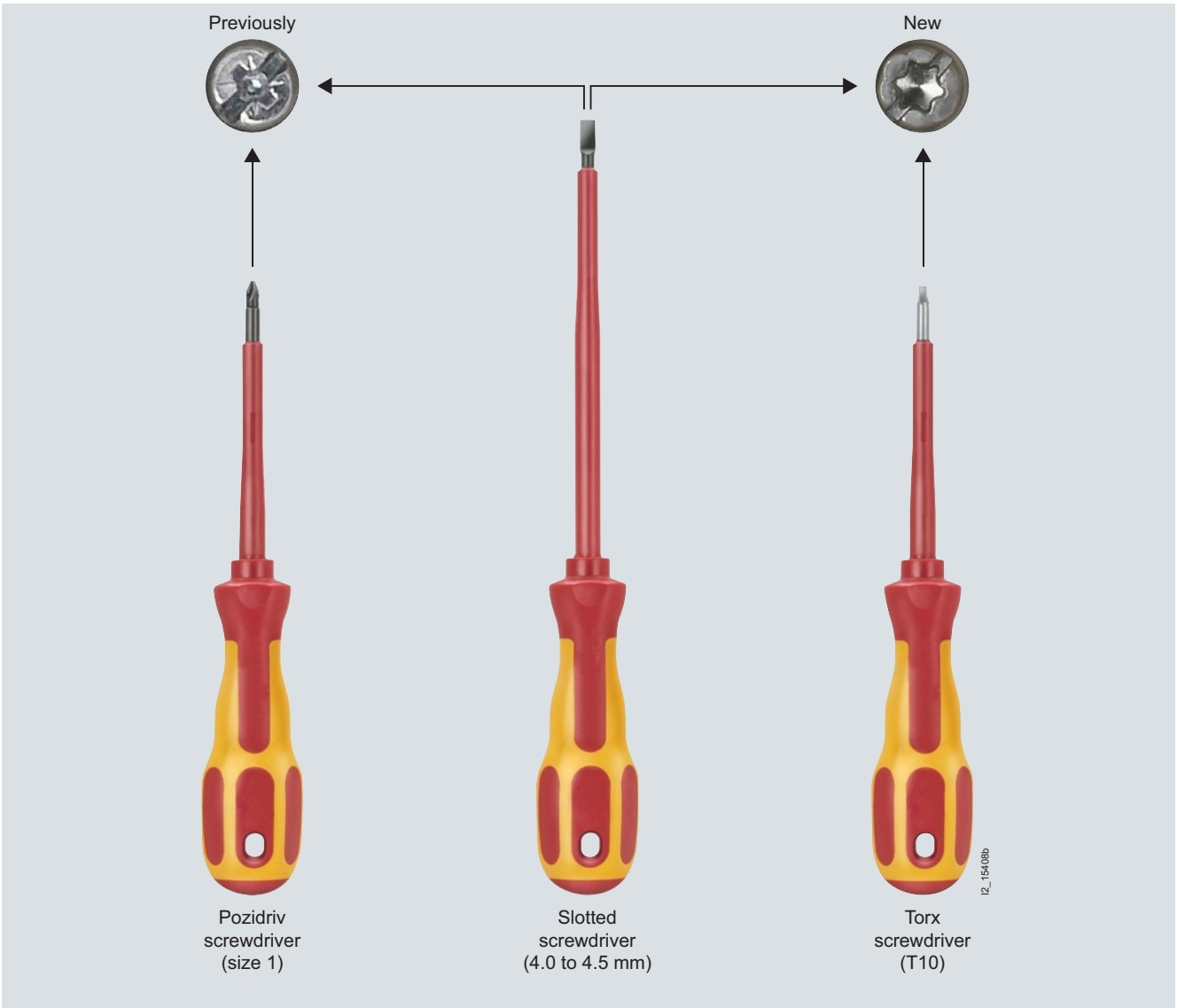
© Siemens AG 2011

Introduction

Combination screws for Torx T10 and slotted screwdrivers



Since 11/2008, we have been successively equipping all our inserts for switches and pushbuttons, and all SCHUKO® socket outlets from the DELTA product range, with the new combination screws.



Use of different screwdrivers on the previously used and new combination screw.

© Siemens AG 2011

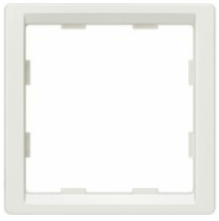
Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For horizontal and vertical mounting • Degree of protection: IP20						
Note / Section / Page						
• Degree of protection IP44 for rockers can be achieved using the *IP44 set of seals,* for rockers, see ... — *Accessories and spare parts* — 6/36	A	**5TG4 324**		1	1/10 sets	021
• Degree of protection IP44 for *SCHUKO® socket outlets with hinged lid* can be achieved using an *IP44 seal, for socket outlets,* see ... — *dto.* — 6/37	A	**5TG4 318**		1	1/10 sets	021
Frames, 82 mm						
Versions						
• Titanium white (similar to RAL 9010)						
- Single, 82 mm x 82 mm	A	**5TG1 321**		1	1/10 units	021
- Double, 153 mm x 82 mm	A	**5TG1 322**		1	1/10 units	021
- Triple, 224 mm x 82 mm	A	**5TG1 323**		1	1/10 units	021
- Quadruple, 295 mm x 82 mm	A	**5TG1 324**		1	1/10 units	021
- Quintuple, 366 mm x 82 mm	A	**5TG1 325**		1	1/5 units	021
• Platinum metallic (similar to RAL 9007)						
- Single, 82 mm x 82 mm	A	**5TG1 321-1**		1	1/10 units	021
- Double, 153 mm x 82 mm	A	**5TG1 322-1**		1	1/10 units	021
- Triple, 224 mm x 82 mm	A	**5TG1 323-1**		1	1/10 units	021
- Quadruple, 295 mm x 82 mm	A	**5TG1 324-1**		1	1/10 units	021
- Quintuple, 366 mm x 82 mm	A	**5TG1 325-1**		1	1/5 units	021
• Basalt black (similar to RAL 7016)						
- Single, 82 mm x 82 mm	A	**5TG1 361**		1	1/10 units	021
- Double, 153 mm x 82 mm	A	**5TG1 362**		1	1/10 units	021
- Triple, 224 mm x 82 mm	A	**5TG1 363**		1	1/10 units	021
- Quadruple, 295 mm x 82 mm	A	**5TG1 364**		1	1/10 units	021
- Quintuple, 366 mm x 82 mm	A	**5TG1 365**		1	1/5 units	021
Intermediate frames, 68 mm						
Versions						
• Titanium white (similar to RAL 9010)						
- For inserting devices with cover plate 51 mm x 51 mm	A	**5TG1 326**		1	1/10 units	021
- For inserting devices with cover plate 55 mm x 55 mm	A	**5TG1 327**		1	1/10 units	021
- For inserting devices with cover plate 65 mm x 65 mm	A	**5TG1 328**		1	1/10 units	021
• Platinum metallic (similar to RAL 9007)						
- For inserting devices with cover plate 51 mm x 51 mm	A	**5TG1 326-1**		1	1/10 units	021
- For inserting devices with cover plate 55 mm x 55 mm	A	**5TG1 327-1**		1	1/10 units	021
- For inserting devices with cover plate 65 mm x 65 mm	A	**5TG1 328-1**		1	1/10 units	021
• Basalt black (similar to RAL 7016)						
- For inserting devices with cover plate 51 mm x 51 mm	A	**5TG1 366**		1	1/10 units	021
- For inserting devices with cover plate 55 mm x 55 mm	A	**5TG1 367**		1	1/10 units	021
- For inserting devices with cover plate 65 mm x 65 mm	A	**5TG1 368**		1	1/10 units	021

5TG1 321



5TG1 326



5TG1 327

5TG1 328

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switches and pushbuttons

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • Size of rockers: 68 mm x 68 mm • Degree of protection: IP20								
	Note	Section	Page						
	• Degree of protection IP44 for rockers can be achieved using the *IP44 set of seals*, for rockers, see ...	*Accessories and spare parts*	6/36	A	**5TG4 324**		1	1/10 sets	021
	• For extension claws, see ...	*Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts*	10/19						
5TG7 141	**Rockers, neutral**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 141**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG7 141-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			A	**5TG7 181**		1	1/10 units	021
	Inserts	Section	Page						
	• *Universal switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG7 144	**Rockers with "Bell" symbol**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 144**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG7 144-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			D	**5TG7 184**		1	1/10 units	021
	Inserts	Section	Page						
	• *Pushbuttons, 1 NO contact*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG7 148	**Rockers with "Door Opener" symbol**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 148**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG7 148-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			D	**5TG7 188**		1	1/10 units	021
	Inserts	Section	Page						
	• *Pushbuttons, 1 NO contact*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG7 142	**Rockers with I/O symbols**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 142**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG7 142-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			D	**5TG7 182**		1	1/10 units	021
	Inserts	Section	Page						
	• *ON/OFF switches, 2-pole, 10 AX*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/5	A	**5TA2 112**		1	1/10 units	021
	• *ON/OFF switches, 2-pole, 16 AX*	*dto.*	10/5	A	**5TA2 162**		1	1/10 units	021
	• *ON/OFF switches, 3-pole, 16 A*	*dto.*	10/5	A	**5TA2 153**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

5TG7 140



5TG7 146



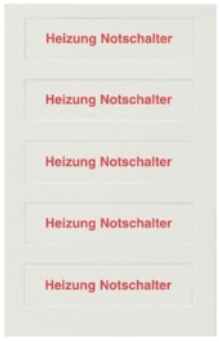
5TG7 156

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Rockers with window								
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG7 140**		1	1/10 units	021
• Platinum metallic (similar to RAL 9007)			A	**5TG7 140-1**		1	1/10 units	021
• Basalt black (similar to RAL 7016)			A	**5TG7 180**		1	1/10 units	021
Inserts	Section	Page						
• *Switches with pilot lamp, for ON/OFF switching*	*Functions / Switching/Push-button Control/Dimming*	10/6	A	**5TA2 150**		1	1/10 units	021
• *Switches with pilot lamp, for two-way switching*	*dto.*	10/6	A	**5TA2 108**		1	1/10 units	021
• *Pushbuttons, 1 NO contact, with separate neutral terminal*	*dto.*	10/9	A	**5TD2 116**		1	1/10 units	021
• *Pushbuttons, 1 CO contact, with separate neutral terminal*	*dto.*	10/10	A	**5TD2 117**		1	1/10 units	021
• *Pushbuttons, with separate check-back indication*	*dto.*	10/10	A	**5TD2 114**		1	1/10 units	021
• *Universal switches*	*dto.*	10/3	A	**5TA2 156**		1	1/10 units	021
• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
Rockers with "Light" symbol and window								
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG7 146**		1	1/10 units	021
• Platinum metallic (similar to RAL 9007)			A	**5TG7 146-1**		1	1/10 units	021
• Basalt black (similar to RAL 7016)			A	**5TG7 186**		1	1/10 units	021
Inserts	Section	Page						
• *Universal switches*	*Functions / Switching/Push-button Control/Dimming*	10/3	A	**5TA2 156**		1	1/10 units	021
• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
• *Switches with pilot lamp, for ON/OFF switching*	*dto.*	10/6	A	**5TA2 150**		1	1/10 units	021
• *Switches with pilot lamp, for two-way switching*	*dto.*	10/6	A	**5TA2 108**		1	1/10 units	021
• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
• *Pushbuttons, 1 NO contact, with separate neutral terminal*	*dto.*	10/9	A	**5TD2 116**		1	1/10 units	021
• *Pushbuttons, 1 CO contact, with separate neutral terminal*	*dto.*	10/10	A	**5TD2 117**		1	1/10 units	021
• *Pushbuttons, with separate check-back indication*	*dto.*	10/10	A	**5TD2 114**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
Rockers with labeling field								
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG7 156**		1	1/10 units	021
• Platinum metallic (similar to RAL 9007)			A	**5TG7 156-1**		1	1/10 units	021
• Basalt black (similar to RAL 7016)			A	**5TG7 196**		1	1/10 units	021
Inserts	Section	Page						
• *Universal switches*	*Functions / Switching/Push-button Control/Dimming*	10/3	A	**5TA2 156**		1	1/10 units	021
• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
Note	Section	Page						
For the *rocker, with labeling field*, the 5TG1 305 *sheet of pictographs for single rocker* must be ordered separately, see ...	*Accessories and spare parts*	6/36	A	**5TG1 305**		1	1 unit	021
Note								
Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switches and pushbuttons

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG7 150	**Rockers with "Bell" symbol, labeling field and window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 150**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG7 150-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)				**On request**				
	Inserts	Section	Page						
	• *Pushbuttons, 1 NO contact*	*Functions / Switching/Push-button Control/Dimming*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG7 155	**Rockers with labeling field and window**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 155**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG7 155-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			A	**5TG7 195**		1	1/10 units	021
	Inserts	Section	Page						
	• *Universal switches*	*Functions / Switching/Push-button Control/Dimming*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Switches with pilot lamp, for ON/OFF switching*	*dto.*	10/6	A	**5TA2 150**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Switches with pilot lamp, for two-way switching*	*dto.*	10/6	A	**5TA2 108**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact, with separate neutral terminal*	*dto.*	10/9	A	**5TD2 116**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *Pushbuttons, with separate check-back indication*	*dto.*	10/10	A	**5TD2 114**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact, with separate neutral terminal*	*dto.*	10/10	A	**5TD2 117**		1	1/10 units	021
	• *Delay timers*	*dto.*	10/7	A	**5TT1 210**		1	1 unit	027
	• *Timers*	*dto.*	10/7	A	**5TT1 200**		1	1 unit	027
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG1 316	Note	Section	Page						
	• *Switches with pilot lamp for ON/OFF switching* (5TA2 150) can be used as heating emergency switch. The required 5TG1 316 *labeling field insert "Heating Emergency Switch"* must be ordered separately, see ...	*Accessories and spare parts*	6/36	A	**5TG1 316**		1	1 unit	021
	• For 5TT1 210 *delay timers* and 5TT1 200 *timers*, the 5TG1 305 *sheet of pictographs for single rocker* must be ordered separately, see ...	*dto.*	6/36	A	**5TG1 305**		1	1 unit	021
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
5TG7 145	**Rockers, double, neutral**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 145**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG7 145-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			A	**5TG7 185**		1	1/10 units	021
	Inserts	Section	Page						
	• *Double two-way switches*	*Functions / Switching/Push-button Control/Dimming*	10/7	A	**5TA2 118**		1	1/10 units	021
	• *Two-circuit switches*	*dto.*	10/8	A	**5TA2 155**		1	1/10 units	021
	• *Pushbuttons, double, 1 NO contact, 1 CO contact*	*dto.*	10/11	A	**5TD2 115**		1	1/10 units	021
	• *Pushbuttons, double, 2 NO contacts*	*dto.*	10/11	A	**5TD2 111**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG7 143	**Rockers, double, with Up/Down symbols**							
	Versions							
	• Titanium white (similar to RAL 9010)		A	**5TG7 143**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)		A	**5TG7 143-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)		A	**5TG7 183**		1	1/10 units	021
	Inserts	Section	Page					
	• *Shutter/blind switches, with electrical and mechanical interlock*	*Functions / Shutter/blind controls*	13/2	A	**5TA2 154**		1 1/10 units	021
	• *Shutter/blind pushbuttons, with electrical interlock*	*dto.*	13/2	A	**5TA2 114**		1 1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB31**		1 1 unit	030
 5TG7 147	**Rockers, double, with 2x Up/Down symbols**							
	Versions							
	• Titanium white (similar to RAL 9010)		A	**5TG7 147**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)		A	**5TG7 147-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			**On request**				
	Inserts	Section	Page					
	DELTA UP 116 bus coupling units, center position, double	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1 1 unit	030
 5TG7 158	**Rockers, double, with window**							
	Versions							
	• Titanium white (similar to RAL 9010)		A	**5TG7 158**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)		A	**5TG7 158-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)		A	**5TG7 198**		1	1/10 units	021
	Inserts	Section	Page					
	• *Two-circuit switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/8	A	**5TA2 155**		1 1/10 units	021
	• *Pushbuttons, double, 2 NO contacts*	*dto.*	10/11	A	**5TD2 111**		1 1/10 units	021
	• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1 1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1 1 unit	030
 5TG7 157	**Rockers, double, with labeling field and window**							
	Versions							
	• Titanium white (similar to RAL 9010)		A	**5TG7 157**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)		A	**5TG7 157-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)		D	**5TG7 197**		1	1/10 units	021
	Inserts	Section	Page					
	• *Two-circuit switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/8	A	**5TA2 155**		1 1/10 units	021
	• *Pushbuttons, double, 2 NO contacts*	*dto.*	10/11	A	**5TD2 111**		1 1/10 units	021
	• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1 1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1 1 unit	030
	Note	Section	Page					
	For the *rocker, double, with labeling field and window*, the 5TG1 306 *sheet of pictographs for double rocker* must be ordered separately, see ...	*Accessories and spare parts*	6/36	A	**5TG1 306**		1 1 unit	021
	Note							
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool							
 5TG7 151	**Rockers with pull actuation** Cord approx. 2 m							
	Versions							
	• Titanium white (similar to RAL 9010)		A	**5TG7 151**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)		A	**5TG7 151-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			**On request**				
	Inserts	Section	Page					
	• *Pushbuttons, 1 NO contact*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/9	A	**5TD2 120**		1 1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1 1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB21**		1 1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switches and pushbuttons

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG4 830	**Hotel card switches, with lighting** • Includes white LED light insert (5TG7 354) • For cards up to 54 mm x 85 mm, 0.7 to 1.0 mm thick • For screw and claw fixing • Insertion of a card controls a mechanical contact						
	Versions						
	• Titanium white (similar to RAL 9010) • Platinum metallic (similar to RAL 9007) • Basalt black (similar to RAL 7016)	A A	**5TG4 830** **5TG4 830-1** **On request**		1 1	1 unit 1 unit	021 021
 5TD2 863	**Service switches, double** • Mechanical interlocking • Imprint in English: "DO NOT DISTURB" and "MAKE UP ROOM"						
	Versions						
	• Titanium white (similar to RAL 9010) • Platinum metallic (similar to RAL 9007) • Basalt black (similar to RAL 7016)	A A	**5TD2 863** **5TD2 863-1** **On request**		1 1	1 unit 1 unit	021 021
	Note						
	The *service switch* can also be used as a supplement to the *service display.*						
	Service displays / Section / Page						
 5TD2 862	• Titanium white (similar to RAL 9010) — *Accessories and spare parts* — 6/35	A	**5TD2 862**		1	1 unit	021
	• Platinum metallic (similar to RAL 9007) — *dto.* — 6/35	A	**5TD2 862-1**		1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For screw and claw fixing • SCHUKO® socket outlets: 16 A, 250 V AC; 10 A, 250 V DC • Live parts of inserts are covered by molded plastic, with self-retracting claws • The screwless terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm² • Degree of protection: IP20 • Size of cover plates: 68 mm x 68 mm						
Note: For extension claws, see ... — Section: *Functions / Switching/Push-button Control/Dimming / Accessories and spare parts* — Page: 10/19						
SCHUKO® socket outlets						
 5UB1 853						
Versions						
• Titanium white (similar to RAL 9010)						
- With claws	A	**5UB1 853**		1	1/10 units	021
- Without claws for hollow-wall mounting	C	**5UB1 853-0KK**		1	10 units	021
• Platinum metallic (similar to RAL 9007)	A	**5UB1 853-1**		1	1/10 units	021
• Basalt black (similar to RAL 7016)	A	**5UB1 863**		1	1/10 units	021
• Green (similar to RAL 6018) - Without labeling - For use with SV[1)]	A	**5UB1 851**		1	1/10 units	021
• Orange (similar to RAL 2004) - Without labeling - For use with ZSV[2)]	A	**5UB1 850**		1	1/10 units	021
• Red (similar to RAL 3003) - Without labeling - For use with WSV[3)]	A	**5UB1 828**		1	1/10 units	021
Note: Label sheets for marking the inserts, see ... — Section: *Accessories and spare parts* — Page: 6/37						
Footnote						
[1)] SV: Safety power supply (AEV). [2)] ZSV: Additional safety power supply (BEV) [3)] WSV: Another additional safety power supply (BEV).						
SCHUKO® socket outlets with increased touch protection						
 5UB1 855						
Versions						
• Titanium white (similar to RAL 9010)						
- With claws	A	**5UB1 855**		1	1/10 units	021
- Without claws for hollow-wall mounting	C	**5UB1 855-0KK**		1	10 units	021
• Platinum metallic (similar to RAL 9007)	A	**5UB1 855-1**		1	1/10 units	021
• Basalt black (similar to RAL 7016)	A	**5UB1 865**		1	1/10 units	021
• Green (similar to RAL 6018) - Without labeling - For use with SV[1)]	A	**5UB1 835**		1	1/10 units	021
• Orange (similar to RAL 2004) - Without labeling - For use with ZSV[2)]	A	**5UB1 836**		1	1/10 units	021
• Red (similar to RAL 3003) - Without labeling - For use with WSV[3)]	A	**5UB1 837**		1	1/10 units	021
Note: Label sheets for marking the inserts, see ... — Section: *Accessories and spare parts* — Page: 6/37						
Footnote						
[1)] SV: Safety power supply (AEV). [2)] ZSV: Additional safety power supply (BEV) [3)] WSV: Another additional safety power supply (BEV).						
SCHUKO® socket outlets, with "EDV" imprint						
 5UB1 825						
Versions						
• Titanium white (similar to RAL 9010)	A	**5UB1 825**		1	1/10 units	021
• Platinum metallic (similar to RAL 9007)	A	**5UB1 825-1**		1	1/10 units	021
• Basalt black (similar to RAL 7016)		**On request**				
Note: Label sheets for marking the inserts, see ... — Section: *Accessories and spare parts* — Page: 6/37						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Socket outlets

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB1 826	**SCHUKO® socket outlets with "SV" imprint[1)]** Green (similar to RAL 6018)	A	**5UB1 826**		1	1/10 units	021
	Note / Section / Page: Label sheets for marking the inserts, see ... / *Accessories and spare parts* / 6/37						
	Footnote: [1)] SV: Safety power supply (AEV).						
 5UB1 827	**SCHUKO® socket outlets with "ZSV" imprint[1)]** Orange (similar to RAL 2004)	A	**5UB1 827**		1	1/10 units	021
	Note / Section / Page: Label sheets for marking the inserts, see ... / *Accessories and spare parts* / 6/37						
	Footnote: [1)] ZSV: Additional safety power supply (BEV).						
 5UB1 844	**SCHUKO® socket outlets with status display**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 844**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)	A	**5UB1 844-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)		**On request**				
	• Green (similar to RAL 6018) (SV)[1)]	A	**5UB1 845**		1	1/10 units	021
	• Orange (similar to RAL 2004) (ZSV)[2)]	A	**5UB1 846**		1	1/10 units	021
	Note / Section / Page: • 5TG7 304 *spare glow lamp, for SCHUKO® socket outlet with status display*, see ... / *Accessories and spare parts* / 6/38 • *Label sheets*, for marking the inserts, see ... / dto. / 6/37 • For Technical specifications, see ... / *Technical Information / Socket Outlets / SCHUKO® socket outlet with status display* / 19/14						
	Note: Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool						
	Footnote: [1)] SV: Safety power supply (AEV). [2)] ZSV: Additional safety power supply (BEV)						
 5UB1 857	**SCHUKO® socket outlets, with increased touch protection and labeling field**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 857**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)	A	**5UB1 857-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)	A	**5UB1 867**		1	1/10 units	021
	• Green (similar to RAL 6018) - Without labeling - For use with SV[1)]	A	**5UB1 815**		1	1/10 units	021
	• Orange (similar to RAL 2004) - Without labeling - For use with ZSV[2)]	A	**5UB1 816**		1	1/10 units	021
	• Red (similar to RAL 3003) - Without labeling - For use with WSV[3)]	A	**5UB1 856**		1	1/10 units	021
	Note / Section / Page: Label sheets for marking the inserts, see ... / *Accessories and spare parts* / 6/37						
	Note: Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool						
	Footnote: [1)] SV: Safety power supply (AEV). [2)] ZSV: Additional safety power supply (BEV) [3)] WSV: Another additional safety power supply (BEV).						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB1 854	**SCHUKO® socket outlets, with increased touch protection, status display and labeling field**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5UB1 854**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5UB1 854-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			A	**5UB1 864**		1	1/10 units	021
	Note	Section	Page						
	• 5TG7 304 *spare glow lamps*, see ... • For Technical specifications, see ...	*Accessories and spare parts* Technical Information / Socket Outlets / SCHUKO® socket outlets with status display	6/38 19/14	A	**5TG7 304**		1	1/10 units	021
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5UB1 858	**SCHUKO® socket outlets with increased touch protection, overvoltage protection, function indication and labeling field**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5UB1 858**		1	1 unit	021
	• Platinum metallic (similar to RAL 9007)			A	**5UB1 858-1**		1	1 unit	021
	• Basalt black (similar to RAL 7016)			D	**5UB1 868**		1	1 unit	021
	Note	Section	Page						
	• 5UH1 300 *spare overvoltage protection module*, see ... • For Technical specifications, see ...	*Accessories and spare parts* *Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection*	6/38 19/15	A	**5UH1 300**		1	1 unit	021
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5UB1 852	**SCHUKO® socket outlets with hinged lid**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5UB1 852**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5UB1 852-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			A	**5UB1 862**		1	1/10 units	021
	• Green (similar to RAL 6018) - Without labeling - For use with SV[1)]			A	**5UB1 838**		1	1/10 units	021
	• Orange (similar to RAL 2004) - Without labeling - For use with ZSV[2)]			A	**5UB1 840**		1	1/10 units	021
	• Red (similar to RAL 3003) - Without labeling - For use with WSV[3)]			A	**5UB1 841**		1	1/10 units	021
	Note	Section	Page						
	Degree of protection IP44 for *SCHUKO® socket outlets with hinged lid* can be achieved using an *IP44 seal, for socket outlets*, see ...	*Accessories and spare parts*	6/37	A	**5TG4 318**		1	1/10 sets	021
	Footnote								
	[1)] SV: Safety power supply (AEV). [2)] ZSV: Additional safety power supply (BEV) [3)] WSV: Another additional safety power supply (BEV).								
 5UB1 842	**SCHUKO® socket outlets with hinged lid and increased touch protection**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5UB1 842**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5UB1 842-1**		1	1/10 units	021
	Note	Section	Page						
	Degree of protection IP44 for *SCHUKO® socket outlets with hinged lid* can be achieved using an *IP44 seal, for socket outlets*, see ...	*Accessories and spare parts*	6/37	A	**5TG4 318**		1	1/10 sets	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Socket outlets

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB1 843	**SCHUKO® socket outlets with hinged lid and increased touch protection and labeling field**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 843**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)	A	**5UB1 843-1**		1	1/10 units	021
	Note / Section / Page						
	IP44 protection for *SCHUKO® socket outlets with a hinged lid* can be achieved with the 5TG4 318 *seal*, see ... / *Accessories and spare parts* / 6/37	A	**5TG4 318**		1	1/10 sets	021
 5UB1 847	**SCHUKO® socket outlets with hinged lid, improved touch protection, status display and labeling field**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 847**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)	A	**5UB1 847-1**		1	1 unit	021
	Note / Section / Page						
	IP44 protection for *SCHUKO® socket outlets with a hinged lid* can be achieved with the 5TG4 318 *seal*, see ... / *Accessories and spare parts* / 6/37	A	**5TG4 318**		1	1/10 sets	021
5TG1 340	**Cover plates with hinged lid** For modification of SCHUKO® socket outlets						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG1 340**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)	A	**5TG1 340-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)	A	**5TG1 380**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • With screw and claw fixing • Size of cover plates: 68 mm x 68 mm						
 5UB1 367	**Socket outlets with grounding pin and increased touch protection** • 16 A, 250 V AC, live parts of the inserts are covered by molded plastic • 2-pole according to CEE7 • French/Belgian standard • With anti-slip terminals, up to 4 x 2.5 mm^2						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5UB1 367**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)	A	**5UB1 367-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)	A	**5UB1 370**		1	1/10 units	021
 5UB1 368	**Socket outlets, according to American standard C 73** • 15 A, 125 V AC • With central plate 51 mm x 51 mm and intermediate frame • Screw terminals						
	Versions						
	• Titanium white (similar to RAL 9010)	D	**5UB1 368**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)	D	**5UB1 371**		1	1/10 units	021
 5UB1 534	**NEMA socket outlets** • In i-system design • 2-pole (2P + E) • NEMA 5-20R • 20 A, 125 V AC • For 58 series mounting boxes • For screw fixing only • Titanium white (similar to RAL 9010)	A	**5UB1 534**		1	1 unit	021
	Note						
	The *NEMA socket outlet* can only be used with the *DELTA style* product range if used together with an *intermediate frame, 68 mm, for inserting devices with cover plate 55 mm x 55 mm, titanium white.*	A	**5TG1 327**		1	1/10 units	021
 5UB1 535	**NEMA socket outlets with hinged lid** • In i-system design • 2-pole (2P + E) • NEMA 5-20R • 20 A, 125 V AC • For 58 series mounting boxes • For screw fixing only • Titanium white (similar to RAL 9010)	A	**5UB1 535**		1	1 unit	021
	Note						
	The *NEMA socket outlet with hinged lid* can only be used with the *DELTA style* product range if used together with an *intermediate frame, 68 mm, for inserting devices with cover plate 55 mm x 55 mm, titanium white.*	A	**5TG1 327**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Shutter/blind controls

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • For screw and claw fixing • Degree of protection: IP20 • Size of rockers: 68 mm x 68 mm								
 5TG7 143	**Rockers, double, with Up/Down symbols**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 143**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG7 143-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			A	**5TG7 183**		1	1/10 units	021
	Inserts	Section	Page						
	• *Shutter/blind switches, with electrical and mechanical interlock*	*Functions / Shutter/blind controls*	13/2	A	**5TA2 154**		1	1/10 units	021
	• *Shutter/blind pushbuttons, with electrical interlock*	*dto.*	13/2	A	**5TA2 114**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
 5TG7 147	**Rockers, double, with 2x Up/Down symbols**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG7 147**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG7 147-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)				**On request**				
	Inserts	Section	Page						
	DELTA UP 116 bus coupling units, center position, double	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
 5TG1 360	**Cover plates, with Up/Down symbols, for shutter/blind knob-operated switch**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG1 360**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG1 360-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)				**On request**				
	Inserts	Section	Page						
	Shutter/blind knob-operated switches								
	• *1-pole*	*Functions / Shutter/blind controls*	13/2	A	**5TA7 692**		1	1 unit	021
	• *2-pole*	*dto.*	13/2	A	**5TA7 693**		1	1 unit	021
 5TA7 664	**Shutter/blind key-operated switches for master-key systems, with Up/Down symbols** • 10 A, 250 V AC • Key can only be withdrawn in neutral position • *5TG4 225 profile semicylinder* must be ordered separately • Titanium white (similar to RAL 9010)								
	Versions								
	• 1-pole, changeover contact with neutral position								
	- Momentary-contact and maintained-contact position to left and right			A	**5TA7 664**		1	1 unit	021
	- Momentary-contact position to left and right			A	**5TA7 666**		1	1 unit	021
	- Maintained-contact position to left and right			A	**5TA7 668**		1	1 unit	021
	• 2-pole, changeover contact with neutral position								
	- Momentary-contact and maintained-contact position to left and right			A	**5TA7 665**		1	1 unit	021
	- Momentary-contact position on both sides, key can only be removed when in "OFF" position			A	**5TA7 667**		1	1 unit	021
	• 2-pole, changeover contact without neutral position								
	- Momentary-contact position to left and right, key can be withdrawn in both switch positions			A	**5TA7 670**		1	1 unit	021
	Note	Section	Page						
	• The following *intermediate frames* must be ordered separately, in order to achieve the outer dimensions 55 mm x 55 mm: - Titanium white (similar to RAL 9010)	*Frames*	6/5	A	**5TG1 327**		1	1/10 units	021
	• For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems*	19/49						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG4 225	**Profile semicylinders for "shutter/blind key-operated switches for master-key systems with Up/Down symbols"** • CES product • With three keys • Identical key type	A	**5TG4 225**		1	1/10 units	021
 5TC1 337	**sys shutter/blind pushbuttons**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TC1 337**		1	1 unit	024
	• Platinum metallic (similar to RAL 9007)	B	**5TC1 337-1**		1	1 unit	024
	• Basalt black (similar to RAL 7016)	A	**5TC1 338**		1	1 unit	024
	Inserts / Section / Page						
	sys shutter/blind control inserts — *Functions / Shutter/blind controls* — 13/3	A	**5TC1 231**		1	1 unit	024
	Note / Section / Page						
	• For a more detailed explanation of the sys shutter/blind pushbutton, see ... — *Technical Information / Shutter/Blind Controls / General* — 19/46 • For Technical specifications, see ... — *Technical Information / Shutter/Blind Controls / sys shutter/blind push-buttons* — 19/50						
 5WG3 211-2GB11	**UP 211 wave shutter/blind pushbuttons**						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5WG3 211-2GB11**		1	1 unit	022
	• Platinum metallic (similar to RAL 9007)	B	**5WG3 211-2GB41**		1	1 unit	022
	• Basalt black (similar to RAL 7016)	C	**5WG3 211-2GB21**		1	1 unit	022
	Inserts / Section / Page						
	sys shutter/blind control inserts — *Functions / Shutter/blind controls* — 13/3	A	**5TC1 231**		1	1 unit	024
	Note / Section / Page						
	For a more detailed explanation of the UP 211 wave shutter/blind pushbuttons, see ... — *Functions / Remote Control Systems* — 16/2						
 5TC1 555	**Shutter/blind controls** • For controlling a blind or shutter motor with mechanical or electronic limit switches • Operation is by means of 4 control buttons						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TC1 555**		1	1 unit	024
	• Platinum metallic (similar to RAL 9007)	A	**5TC1 555-1**		1	1 unit	024
	• Basalt black (similar to RAL 7016)		**On request**				
	Product features						
	• Flush-mounting device without an extension unit input • 230 V AC, 50 Hz (N conductor required) • For screw and claw fixing • Type of connection: screw terminals • 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s • Bridging of voltage interruptions < 0.2 s • Connected load: max. 1 motor up to 1000 W • Pulse duration: approx. 2 min • Accuracy: ± 1 min per month • Reserve power: > 6 h • Switching times: max. 4 (in 2 blocks: Mo ... Fr / Sa ... Su) • Factory preset switching times for faster commissioning • Possible reset to factory settings • Manual operation possible at any time						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Shutter/blind controls

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 560	**Comfort shutter/blind controls** • For controlling a blind or shutter motor with mechanical or electronic limit switches and comprehensive functionality (see product features) • Menu-controlled operation by means of 4 control buttons						
	Versions						
	• Titanium white (similar to RAL 9010) • Platinum metallic (similar to RAL 9007) • Basalt black (similar to RAL 7016)	A A	**5TC1 560** **5TC1 560-1** **On request**		1 1	1 unit 1 unit	024 024
	Note: The *sun sensor* must be ordered separately, see ... — Section: *Accessories and spare parts* — Page: 6/37	A	**5TC1 526**		1	1 unit	024
	Product features						
	• Flush-mounting device without an extension unit input • 230 V AC, 50 Hz (N conductor required) • For screw and claw fixing • Type of connection: screw terminals • 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s • Bridging of voltage interruptions < 0.2 s • Connected load: max. 1 motor up to 1000 W • Pulse duration: 2 min factory setting, may be changed to as much as 12 min by programming • Accuracy: ± 1 min per month • Reserve power: approx. 24 h • Switching times: max. 18 (can be split up in three memories) • Factory preset switching times for faster commissioning • Possible reset to factory settings • Random generator ± 15 min • Astro program (can be delayed by ± 1 h 59 min) • Easy changeover to daylight savings • Twilight and sun protection function is possible with an optional sun sensor • The random and astro functions can be combined • Manual operation possible at any time						
 5TC1 270	**Shutter/blind control flush-mounting isolating relays** • Double, with individual control • Relay for the control of several shutters or blinds • Two motors can be controlled per isolating relay, even if further isolating relays are connected downstream • Option for individual control of connected motors over shutter/blind pushbutton (e.g. 5TA2 114) • The isolating relay is to be installed into a surface-mounting or flush-mounting box (flush-mounting box from 70 mm ∅ or surface-mounting boxes from 100 mm x 100 mm) • Only for in-phase operation • 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz • 58 mm x 59 mm x 22 mm	A	**5TC1 270**		1	1 unit	024
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays* — Page: 19/58						
 5TC1 271	**Shutter/blind control flush-mounting isolating relays, compact** • Relay for the control of several shutters or blinds • A maximum of two motors can be connected per compact isolating relay, whereby the drive connected to the marked motor terminals can also be individually controlled over a shutter/blind pushbutton • If cascaded, a motor can be connected to each compact isolating relay, which can also be individually controlled over a shutter/blind pushbutton • The isolating relay is to be installed into a surface-mounting or flush-mounting box (flush-mounting box from 60 mm ∅, 40 mm deep or surface-mounting boxes from 75 mm x 75 mm) • Only for in-phase operation • 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz • 50 mm x 53 mm x 22 mm	A	**5TC1 271**		1	1 unit	024
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact* — Page: 19/59						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For screw and claw fixing • Degree of protection: IP20 • Size of cover plates: 68 mm x 68 mm						

Rotary dimmers



5TC8 912

Cover plates with rotary button, for dimmers

Versions

• Titanium white (similar to RAL 9010)	A	**5TC8 912**	1 1/10 units 024
• Platinum metallic (similar to RAL 7016)	A	**5TC8 912-1**	1 1/10 units 024
• Basalt black (similar to RAL 7016)	A	**5TC8 913**	1 1/10 units 024

Symbol	Inserts	Section	Page	DT	Order No.	PU (UNIT, SET, M)	PS*/ P. unit	PG
R	*Incandescent lamp dimmers, 50 ... 400 W*	*Functions / Switching/Pushbutton Control/Dimming*	10/11	A	**5TC8 256**	1	1 unit	024
R	*Incandescent lamp dimmers, 50 ... 600 W, for two-way switching*	*dto.*	10/12	A	**5TC8 257**	1	1 unit	024
R, L	*LV dimmers, for solenoid transformers, 50 ... 600 W, 25 ... 500 VA, for two-way switching*	*dto.*	10/12	A	**5TC8 283**	1	1 unit	024
R, C	*LV dimmers, for electronic transformers, 20 ... 600 W, 20 ... 525 VA, for two-way switching*	*dto.*	10/13	A	**5TC8 284**	1	1 unit	024
R, C	*LV dimmers, for electronic transformers, 60 ... 800 W, 60 ... 800 VA, for two-way switching*	*dto.*	10/13	A	**5TC8 258**	1	1 unit	024
X	*Electronic potentiometers, switch*	*dto.*	10/15	A	**5TC8 424**	1	1 unit	024
X	*Electronic potentiometers, pushbutton*	*dto.*	10/16	A	**5TC8 425**	1	1 unit	024

Sensor dimmer



5TG8 511

Cover plates with sensor area

Versions

• Titanium white (similar to RAL 9010)	A	**5TG8 511**	1 1/10 units 024
• Platinum metallic (similar to RAL 7016)	A	**5TG8 511-1**	1 1/10 units 024
• Basalt black (similar to RAL 7016)	A	**5TG8 513**	1 1/10 units 024

Symbol	Power	Inserts	Section	Page	DT	Order No.	PU (UNIT, SET, M)	PS*/ P. unit	PG
R, L	20 ... 400 W	*Sensor dimmer* • *Without memory function*	*Functions / Switching/Pushbutton Control/Dimming*	10/14	A	**5TC8 240**	1	1 unit	024
	20 ... 300 VA	• *With memory function*	*dto.*	10/14	A	**5TC8 232**	1	1 unit	024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Lighting controls

Touch dimmers

5TC1 317

sys pushbuttons

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions						
• Titanium white (similar to RAL 9010)	A	**5TC1 317**		1	1 unit	024
• Platinum metallic (similar to RAL 9007)	B	**5TC1 317-1**		1	1 unit	024
• Basalt black (similar to RAL 7016)	A	**5TC1 318**		1	1 unit	024

Symbol	Power	Inserts	Section	Page					
R, L, C		*Universal dimmer sys inserts*	*Functions / Switching/Pushbutton Control/Dimming*	10/15	A	**5TC1 230**		1	1 unit	024
	50 ... 420 W									
	50 ... 420 VA									
	70 ... 420 VA									

Note	Section	Page
• For a more detailed explanation of the sys pushbutton, see ...	*Remote Control Systems*	16/2
• For Technical specifications, see ...	*Technical Information / Dimmers / sys pushbuttons*	19/18

Touch dimmers with radio control



5WG3 210-2GB11

UP 210 wave pushbuttons

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions						
• Titanium white (similar to RAL 9010)	A	**5WG3 210-2GB11**		1	1 unit	022
• Platinum metallic (similar to RAL 9007)	B	**5WG3 210-2GB41**		1	1 unit	022
• Basalt black (similar to RAL 7016)	C	**5WG3 210-2GB21**		1	1 unit	022

Symbol	Power	Inserts	Section	Page					
R, L, C		*Universal dimmer sys inserts*	*Functions / Switching/Pushbutton Control/Dimming*	10/15	A	**5TC1 230**		1	1 unit	024
	50 ... 420 W									
	50 ... 420 VA									
	70 ... 420 VA									

Note	Section	Page
For a more detailed explanation of the UP 210 wave pushbuttons, see ...	*Remote Control Systems*	16/2

Touch switches with radio control



5WG3 210-2GB11

UP 210 wave pushbuttons

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions						
• Titanium white (similar to RAL 9010)	A	**5WG3 210-2GB11**		1	1 unit	022
• Platinum metallic (similar to RAL 9007)	B	**5WG3 210-2GB41**		1	1 unit	022
• Basalt black (similar to RAL 7016)	C	**5WG3 210-2GB21**		1	1 unit	022

Power	Inserts	Section	Page					
• 25 ... 250 VA	*sys switching inserts, 25 ... 250 VA*	*Functions / Switching/Pushbutton Control/Dimming*	10/16	A	**5TC1 232**		1	1 unit	024
• 15 ... 500 VA	*sys switching inserts, 15 ... 500 VA*	*dto.*	10/17	A	**5TC1 233**		1	1 unit	024

Note	Section	Page
For a more detailed explanation of the UP 210 wave pushbuttons, see ...	*Remote Control Systems*	16/2

Speed regulating rheostats



5TC8 927

Cover plates for speed regulating rheostats

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions						
• Titanium white (similar to RAL 9010)	A	**5TC8 927**		1	1/10 units	024
• Platinum metallic (similar to RAL 9007)	A	**5TC8 927-1**		1	1 unit	024

Symbol	Inserts	Section	Page					
M	*Speed regulating rheostats, 0.1 ... 2.6 A*	*Switching/Pushbutton Control/ Dimming*	10/17	A	**5TC8 604**		1	1 unit	024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Size of tops: 68 mm x 68 mm • Degree of protection: IP20								
 5TC1 537 **Motion detector tops** • The motion detector top responds to heat motions and initiates a switching operation • The lighting remains switched on as long as the motion detector top detects movement, otherwise it is switched off after the fixed delay time of approx. 2 min • The lighting is only switched on again after a locking time of 3 s • Depending on technical requirements (relay, triac or extension unit insert), the motion detector top is operated in combination with a motion detector insert which must be ordered separately • The sensing range can be extended if combined with a motion detector extension unit insert • 2 different versions are available, depending on the required mounting height (1.10 or 2.20 m) • Thanks to their modular design, tops and inserts can be freely combined • The sensing range of a center unit can be extended by connecting a maximum of 10 motion detector extension units • The number of connectable passive extension units is unlimited (e.g. push-button, 1 NO contact, 5TD2 120) • The sensitivity is infinitely adjustable between 20 and 100 %								
Versions								
• Titanium white (similar to RAL 9010)								
- Mounting height 1.10 m			A	**5TC1 537**		1	1 unit	024
- Mounting height 2.20 m			A	**5TC1 542**		1	1 unit	024
• Platinum metallic (similar to RAL 9007)								
- Mounting height 1.10 m			A	**5TC1 537-1**		1	1 unit	024
- Mounting height 2.20 m			A	**5TC1 542-1**		1	1 unit	024
• Basalt black (similar to RAL 7016)								
- Mounting height 1.10 m				**On request**				
- Mounting height 2.20 m				**On request**				
Inserts	Section	Page						
• Motion detector relay inserts	*Functions / Motion Detectors*	11/2	A	**5TC1 500**		1	1 unit	024
• Motion detector triac inserts	*dto.*	11/2	A	**5TC1 501**		1	1 unit	024
• Motion detector extension unit inserts	*dto.*	11/3	A	**5TC1 502**		1	1 unit	024
Technical specifications								
• Sensing angle	Approx. 180°							
• Mounting height	1.10 m / 2.20 m (depending on the version)							
• Sensing field								
- 1.10 m lens	Approx. 12 m x 12 m							
- 2.20 m lens	Approx. 12 m x 12 m							
• Number of lenses/ lens levels								
- 1.10 m lens	18 / 2							
- 2.20 m lens	26 / 3							
• Rated voltage flush-mounting inserts	230 V AC, 50 Hz							
• Operating temperature	Approx. –20 ... +45 °C							
• Delay time, permanently set	Approx. 2 min							
• Locking time after switch-off	Approx. 3 s							
• Brightness threshold value	Approx. 0 ... 80 lux / day mode							
• Sensitivity	Approx. 20 ... 100 %							
• Number of extension units at the flush-mounting insert								
- Motion detector extension units	Max. 10							
- Mechanical pushbuttons	Unlimited							

6

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Motion detectors



5TC1 546

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Comfort motion detector tops same as motion detector top, plus: • The Comfort motion detector top can also be set to short-time duty • This way it is possible, for example, to control acoustic signal transducers (bells) for the monitoring of an entry door • The operating mode (continuous OFF/automatic/continuous ON) can be selected by means of a slide switch which can also be secured in the automatic position • The delay time can be infinitely adjusted between 10 s and 30 min								
Versions								
• Titanium white (similar to RAL 9010)								
- Mounting height 1.10 m			A	**5TC1 546**		1	1 unit	024
- Mounting height 2.20 m			A	**5TC1 551**		1	1 unit	024
• Platinum metallic (similar to RAL 9007)								
- Mounting height 1.10 m			A	**5TC1 546-1**		1	1 unit	024
- Mounting height 2.20 m			A	**5TC1 551-1**		1	1 unit	024
• Basalt black (similar to RAL 7016)								
- Mounting height 1.10 m				**On request**				
- Mounting height 2.20 m				**On request**				
Inserts	Section	Page						
• Motion detector relay inserts	*Functions / Motion Detectors*	11/2	A	**5TC1 500**		1	1 unit	024
• Motion detector triac inserts	*dto.*	11/2	A	**5TC1 501**		1	1 unit	024
• Motion detector extension unit inserts	*dto.*	11/3	A	**5TC1 502**		1	1 unit	024
Technical specifications								
• Sensing angle	Approx. 180°							
• Mounting height	1.10 m / 2.20 m (depending on the version)							
• Sensing field								
- 1.10 m lens	Approx. 12 m x 12 m							
- 2.20 m lens	Approx. 12 m x 12 m							
• Number of lenses/ lens levels								
- 1.10 m lens	18 / 2							
- 2.20 m lens	26 / 3							
• Rated voltage flush-mounting inserts	230 V AC, 50 Hz							
• Operating temperature	Approx. -20 ... +45 °C							
• Delay time	Approx. 10 s ... 30 min							
• Locking time after switch-off	Approx. 3 s							
• Brightness threshold value	Approx. 0 ... 80 lux / day mode							
• Sensitivity	Approx. 20 ... 100 %							
• Number of extension units at the flush-mounting insert								
- Motion detector extension units	Max. 10							
- Mechanical pushbuttons	Unlimited							

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • For screw fixing • Degree of protection: IP20 • Size of cover plates: 65 mm x 65 mm, supplied with intermediate frames: 68 mm x 68 mm								
 5TC9 256	**Cover plates for room temperature controllers, NC/CO**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC9 256**		1	1 unit	024
	• Platinum metallic (similar to RAL 9007)			A	**5TC9 256-1**		1	1 unit	024
	• Basalt black (similar to RAL 7016)			A	**5TC9 257**		1	1 unit	024
	Inserts	Section	Page						
	• *Room temperature controllers, 1 NC contact*	*Functions / Room Temperature Controllers dto.*	14/2	A	**5TC9 200**		1	1 unit	024
	• *Room temperature controllers, 1 CO contact*		14/2	A	**5TC9 201**		1	1/100 units	024
 5TC9 258	**Cover plates for room temperature controllers, 3-position switch** Possible positions: automatic timing, constant day temperature, constant nighttime reduction								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC9 258**		1	1 unit	024
	• Platinum metallic (similar to RAL 9007)			A	**5TC9 258-1**		1	1 unit	024
	• Basalt black (similar to RAL 7016)			A	**5TC9 260**		1	1 unit	024
	Inserts	Section	Page						
	Room temperature controllers, 3-position switch	*Functions / Room Temperature Controllers*	14/2	A	**5TC9 202**		1	1 unit	024
 5TC9 261	**Cover plates for room temperature controllers, direct floor heating**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TC9 261**		1	1 unit	024
	• Platinum metallic (similar to RAL 9007)			A	**5TC9 261-1**		1	1 unit	024
	• Basalt black (similar to RAL 7016)			A	**5TC9 262**		1	1 unit	024
	Inserts	Section	Page						
	Room temperature controllers, direct floor heating	*Functions / Room Temperature Controllers*	14/3	A	**5TC9 203**		1	1 unit	024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Size of rockers: 68 mm x 68 mm • Degree of protection: IP20								
Note	Section	Page						
For extension claws, see ...	*Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts*	10/19						
 5WG1 285-2AB11	**UP 285 pushbuttons, single** With labeling field, orientation light and status display, single							
Versions								
• Titanium white (similar to RAL 9010)			A	**5WG1 285-2AB11**		1	1 unit	022
• Platinum metallic (similar to RAL 9007)			B	**5WG1 285-2AB41**		1	1 unit	022
• Basalt black (similar to RAL 7016)			C	**5WG1 285-2AB21**		1	1 unit	022
Inserts	Section	Page						
• *UP 110 bus coupling units* - *Mounting depth 27 mm*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
- *Mounting depth 19 mm*	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
• *UP 110 wall-mounted transmitter 230 V wave*	*Remote Control Systems*	16/5	B	**5WG3 110-2AB11**		1	1 unit	030
• *UP 110 wall-mounted transmitter "Batterie" wave*	*dto.*	16/5	A	**5WG3 110-2AB01**		1	1 unit	030
• *UP 560 wall-mounted transmitter "Aktor" 230 V wave*	*dto.*	16/6	A	**5WG3 560-2AB01**		1	1 unit	030
Note								
Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5WG1 286-2AB11	**UP 286 pushbuttons, double** With labeling field, orientation light and status display, double							
Versions								
• Titanium white (similar to RAL 9010)			A	**5WG1 286-2AB11**		1	1 unit	022
• Platinum metallic (similar to RAL 9007)			B	**5WG1 286-2AB41**		1	1 unit	022
• Basalt black (similar to RAL 7016)			B	**5WG1 286-2AB21**		1	1 unit	022
Inserts	Section	Page						
• *UP 110 bus coupling units* - *Mounting depth 27 mm*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
- *Mounting depth 19 mm*	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
• *UP 110 wall-mounted transmitter 230 V wave*	*Remote Control Systems*	16/5	B	**5WG3 110-2AB11**		1	1 unit	030
• *UP 110 wall-mounted transmitter "Batterie" wave*	*dto.*	16/5	A	**5WG3 110-2AB01**		1	1 unit	030
• *UP 560 wall-mounted transmitter "Aktor" 230 V wave*	*dto.*	16/6	A	**5WG3 560-2AB01**		1	1 unit	030
Note								
Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5WG1 287-2AB11	**UP 287 pushbuttons, quadruple** With labeling field, orientation light and status display, quadruple							
Versions								
• Titanium white (similar to RAL 9010)			A	**5WG1 287-2AB11**		1	1 unit	022
• Platinum metallic (similar to RAL 9007)			B	**5WG1 287-2AB41**		1	1 unit	022
• Basalt black (similar to RAL 7016)			B	**5WG1 287-2AB21**		1	1 unit	022
Inserts	Section	Page						
• *UP 110 bus coupling units* - *Mounting depth 27 mm*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
- *Mounting depth 19 mm*	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
Note								
Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 285-2EB11	**UP 285 + IR pushbuttons, single** • With labeling field, status display or orientation light, single • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			C	**5WG1 285-2EB11**		1	1 unit	022
	• Platinum metallic (similar to RAL 9007)			B	**5WG1 285-2EB41**		1	1 unit	022
	• Basalt black (similar to RAL 7016)			C	**5WG1 285-2EB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 114 bus coupling units	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5WG1 286-2EB11	**UP 286 + IR pushbuttons, double** • With labeling field, status display or orientation light, double • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			B	**5WG1 286-2EB11**		1	1 unit	022
	• Platinum metallic (similar to RAL 9007)			B	**5WG1 286-2EB41**		1	1 unit	022
	• Basalt black (similar to RAL 7016)			C	**5WG1 286-2EB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 114 bus coupling units	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5WG1 287-2EB11	**UP 287 + IR pushbuttons, quadruple** • With labeling field, status display or orientation light, quadruple • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			X	**5WG1 287-2EB11**		1	1 unit	022
	• Platinum metallic (similar to RAL 9007)			X	**5WG1 287-2EB41**		1	1 unit	022
	• Basalt black (similar to RAL 7016)			C	**5WG1 287-2EB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 114 bus coupling units	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5WG1 230-2EB11	**UP 230 pushbuttons** • Center position • With motion detector and brightness sensor • 2 outer rockers per 2 LEDs • 2 inner rockers per 1 LED • Size of cover plates: 65 mm x 65 mm • Outer dimensions with intermediate frame: 68 mm x 68 mm • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			B	**5WG1 230-2EB11**		1	1 unit	022
	• Basalt black (similar to RAL 7016)			B	**5WG1 230-2EB21**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• *Mounting depth 27 mm*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• *Mounting depth 19 mm*	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	Note	Section	Page						
	The following *intermediate frames* must be ordered separately, in order to achieve the outer dimensions 68 mm x 68 mm:								
	• Titanium white (similar to RAL 9010)	*Frames*	6/5	A	**5TG1 328**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)	*dto.*	6/5	A	**5TG1 368**		1	1/10 units	021

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 231-2EB13	**UP 231 pushbuttons** • Center position • With adaptive room temperature controller • 2 outer rockers per 2 LEDs • 2 inner rockers per 1 LED • Size of cover plates: 65 mm x 65 mm • Outer dimensions with intermediate frame: 68 mm x 68 mm • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			X	**5WG1 231-2EB13**		1	1 unit	022
	• Basalt black (similar to RAL 7016)			X	**5WG1 231-2EB23**		1	1 unit	022
	Inserts	Section	Page						
	UP 114 bus coupling units	*Functions / GAMMA Bus Coupling Units*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030
	Note	Section	Page						
	The following *intermediate frames* must be ordered separately, in order to achieve the outer dimensions 68 mm x 68 mm:								
	• Titanium white (similar to RAL 9010)	*Frames*	6/5	A	**5TG1 328**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)	*dto.*	6/5	A	**5TG1 368**		1	1/10 units	021
 5WG1 257-2AB13	**UP 257 motion detectors** • Proximity switches for detecting persons • The integrated passive infrared motion sensor (PIR) reacts to temperature changes in its sensing range • Can be used as stand-alone device or for main and secondary mode								
	Versions								
	• Titanium white (similar to RAL 9010)								
	- Mounting height 1.10 m			B	**5WG1 257-2AB13**		1	1 unit	022
	- Mounting height 2.20 m			B	**5WG1 257-2AB14**		1	1 unit	022
	• Platinum metallic (similar to RAL 9007)								
	- Mounting height 1.10 m			B	**5WG1 257-2AB41**		1	1 unit	022
	- Mounting height 2.20 m			B	**5WG1 257-2AB42**		1	1 unit	022
	• Basalt black (similar to RAL 7016)								
	- Mounting height 1.10 m				**On request**				
	- Mounting height 2.20 m				**On request**				
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
 5WG1 585-2AB11	**UP 584/585 display and control units** • Graphical LCD with integrated bus coupling unit • User configurable, different fonts, characters and symbols on up to 5 lines with max. 30 characters/line • Background lighting yellow-green, On/Off is programmable • Indications can be signaled with acoustic alarm, acoustic check-back indication possible over pushbutton control • 1 pair of pushbuttons available for shifting/rolling the lines and one pair for function execution in the system • Discontinued model								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5WG1 585-2AB11**		1	1 unit	022
	• Platinum metallic (similar to RAL 9007)			B	**5WG1 584-2AB41**		1	1 unit	022
	• Basalt black (similar to RAL 7016)			B	**5WG1 584-2AB21**		1	1 unit	022
	Note	Section	Page						
	the following *intermediate frames* must be ordered separately, in order to achieve the outer dimensions 68 mm x 68 mm:								
	• Titanium white (similar to RAL 9010)	*Frames*	6/5	A	**5TG1 328**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)	*dto.*	6/5	A	**5TG1 328-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)	*dto.*	6/5	A	**5TG1 368**		1	1/10 units	021
	Technical specifications								
	• LCD resolution	132 x 65 pixels							
	• Fonts and symbols	Can be selected or are user configurable							
	• Background lighting	Continuously "ON" or continuously "OFF" using pushbuttons with adjustable delay time, by means of bus telegram or alarm function							
	• Alarm functions	Visual and/or acoustic with acknowledgment option							

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 254-2AB13	**UP 254 room temperature controllers** • Can be used as a two-position controller or continuous-action controller • For controlling electrothermal or electromotive actuators • 5 LEDs for operating status display • Presence pushbuttons • Rotary button for shifting the basic setpoint • Discontinued model								
	Versions								
	• Titanium white/Platinum metallic (similar to RAL 9010/9007)			A	**5WG1 254-2AB13**		1	1 unit	022
	• Platinum metallic (similar to RAL 9007)			B	**5WG1 254-2AB43**		1	1 unit	022
	• Basalt black/Platinum metallic (similar to RAL 7016/9007)			B	**5WG1 254-2AB23**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
 5WG1 254-2EB11	**UP 254E fan-coil unit controllers for offices**								
	Versions								
	• Titanium white/Platinum metallic (similar to RAL 9010/9007)			A	**5WG1 254-2EB11**		1	1 unit	022
	• Platinum metallic (similar to RAL 9007)			B	**5WG1 254-2EB41**		1	1 unit	022
	• Basalt black/Platinum metallic (similar to RAL 7016/9007)			B	**5WG1 254-2EB21**		1	1 unit	022
 5WG1 254-2FB11	**UP 254F fan-coil unit controllers for hotels**								
	Versions								
	• Titanium white/Platinum metallic (similar to RAL 9010/9007)			A	**5WG1 254-2FB11**		1	1 unit	022
	• Platinum metallic (similar to RAL 9007)			B	**5WG1 254-2FB41**		1	1 unit	022
	• Basalt black/Platinum metallic (similar to RAL 7016/9007)			B	**5WG1 254-2FB21**		1	1 unit	022
 5WG1 146-2AB11	**UP 146 RS 232 interfaces** • Supports connection of a PC for addressing, parameter assignment, visualization, logging and diagnostics of the bus device • Transfer rate: 9600/19200 baud • Titanium white (similar to RAL 9010)			A	**5WG1 146-2AB11**		1	1 unit	022
	Inserts	Section	Page						
	UP 110 bus coupling units								
	• Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
 5WG1 146-2EB11	**UP 146 E interfaces** • Supports connection of a PC to the KNX EIB over the integrated USB socket (type B): for addressing, parameter assignment, visualization, logging and diagnosis of the bus devices • Connection can be implemented either using the standard or the FT1.2 protocol • Transfer rate: 9600 baud (19200 baud with FT1.2) • Titanium white (similar to RAL 9010)			A	**5WG1 146-2EB11**		1	1 unit	022
	Inserts	Section	Page						
	• UP 110 bus coupling units								
	- Mounting depth 27 mm	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	- Mounting depth 19 mm	*dto.*	18/3	A	**5WG1 110-2AB11**		1	1 unit	030
	• UP 114 bus coupling units	*dto.*	18/3	A	**5WG1 114-2AB02**		1	1 unit	030

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

GAMMA *instabus*

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG3 140-2GB11	**UP 140 wave/*instabus* couplers** • Connect the GAMMA wave radio system with the GAMMA *instabus* • The coupler is a special wave pushbutton, which is clipped onto an *instabus* UP 114 bus coupling unit • Transmission is bidirectional • Indications and commands that are received over radio waves are sent on the *instabus* and vice versa • Bus telegrams received over radio waves are forwarded • The pushbutton of the coupler also supports an additional operator function over radio and/or over *instabus* • The coupler is programmed and the radio components are taught using the ETS • Height: 27 mm (incl. spring)						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5WG3 140-2GB11**		1	1 unit	022
	• Platinum metallic (similar to RAL 9007)	B	**5WG3 140-2GB41**		1	1 unit	022
	Inserts / Section / Page						
	UP 114 bus coupling units — *Functions / GAMMA Bus Coupling Units* — 18/3	A	**5WG1 114-2AB02**		1	1 unit	030
 5WG1 272-2AB11	**UP 272 water sensors** • With 2 m sensor cable • Titanium white (similar to RAL 9010)	A	**5WG1 272-2AB11**		1	1 unit	022
	Inserts / Section / Page						
	UP 110 bus coupling units						
	• *Mounting depth 27 mm* — *Functions / GAMMA Bus Coupling Units* — 18/2	A	**5WG1 110-2AB03**		1	1 unit	030
	• *Mounting depth 19 mm* — *dto.* — 18/3	A	**5WG1 110-2AB11**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information Size of cover plates: 68 mm x 68 mm								
Cover plates for TAE outlet boxes and loudspeaker outlet boxes								
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG1 342**		1	1/10 units	021
• Platinum metallic (similar to RAL 9007)			A	**5TG1 342-1**		1	1/10 units	021
• Basalt black (similar to RAL 7016)			A	**5TG1 382**		1	1/10 units	021
Inserts	Section	Page						
• *TAE 6F+N, black*[1)]	*Data and Communication Systems*	15/2	A	**5TG2 853**		1	1 unit	021
• *TAE 3x 6NFN, black*[1)]	*dto.*	15/2	A	**5TG2 480**		1	1 unit	021
• *TAE 2x 6/6NFF, black*[1)]	*dto.*	15/3	A	**5TG2 854**		1	1 unit	021
• *UAE 8/6/TAE 6F+N, black*	*dto.*	15/3	A	**5TG2 855**		1	1 unit	021
• *Loudspeaker outlet boxes, single*	*dto.*	15/7	A	**5TG2 467-2**		1	1 unit	021
• *Loudspeaker outlet boxes, double*	*dto.*	15/7	A	**5TG2 468-2**		1	1 unit	021
Footnote								
[1)] Version for Austria on request.								

5TG1 342

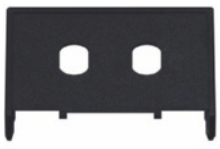
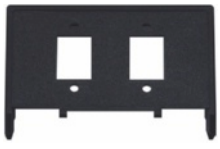
Cover plates for UAE outlet boxes, knock-out • For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6) • For Cat.6 inserts from BTR (E-DAT) • With 45° inclined outlet • For single and double • Inclined outlet can be knocked out for 2 × 8 inserts								
Versions								
• Titanium white (similar to RAL 9010)			A	**5TG1 394**		1	1 unit	021
• Platinum metallic (similar to RAL 9007)			A	**5TG1 394-1**		1	1/10 units	021
• Basalt black (similar to RAL 7016)				**On request**				
Inserts	Section	Page						
• *UAE outlet boxes, Cat.3, Rutenbeck*								
- *1 x 8-pole*	*Data and Communication Systems*	15/3	A	**5TG2 417**		1	1 unit	021
- *2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 406**		1	1 unit	021
• *UAE outlet boxes, Cat.5e, Rutenbeck*								
- *1 x 8-pole*	*dto.*	15/3	A	**5TG2 418**		1	1 unit	021
- *2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 407**		1	1 unit	021
• *UAE outlet boxes, real Cat.6, Rutenbeck, 2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 448**		1	1 unit	021
Note								
The UAE cover plate can be combined with • AMJ45 and UMJ45 Up 0 inserts (without central plate) from Telegärtner, • AMP-TWIST-6S Plannar Up 0 inserts from Tyco electronics and • Cat.5e UP 0 inserts from Tyco electronics.								

5TG1 394

6

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG1 395	**Cover plates for UAE outlet boxes, knock-out, with labeling plate** • For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6) • For Cat.6 inserts from BTR (E-DAT) • With 45° inclined outlet • For single and double • Inclined outlet can be knocked out for 2 × 8 inserts								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG1 395**		1	1 unit	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG1 395-1**		1	1 unit	021
	• Basalt black (similar to RAL 7016)				**On request**				
	Inserts	Section	Page						
	• *UAE outlet boxes, Cat.3, Rutenbeck*								
	- 1 x 8-pole	*Data and Communication Systems*	15/3	A	**5TG2 417**		1	1 unit	021
	- 2 x 8-pole (8/8)	*dto.*	15/3	A	**5TG2 406**		1	1 unit	021
	• *UAE outlet boxes, Cat.5e, Rutenbeck*								
	- 1 x 8-pole	*dto.*	15/3	A	**5TG2 418**		1	1 unit	021
	- 2 x 8-pole (8/8)	*dto.*	15/3	A	**5TG2 407**		1	1 unit	021
	• *UAE outlet boxes, real Cat.6, Rutenbeck, 2 x 8-pole (8/8)*	*dto.*	15/3	A	**5TG2 448**		1	1 unit	021
	Note								
	The UAE cover plate can be combined with • AMJ45 and UMJ45 Up 0 inserts (without central plate) from Telegärtner, • AMP-TWIST-6S Plannar Up 0 inserts from Tyco electronics and • Cat.5e UP 0 inserts from Tyco electronics.								
 5TG1 343	**Cover plates, for Modular Jack support plate, with labeling field** Cover plates with shutter								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG1 343**		1	1 unit	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG1 343-1**		1	1 unit	021
	• Basalt black (similar to RAL 7016)				**On request**				
	Inserts	Section	Page						
	Modular Jack support plates								
	• *Red inserts*	*Functions / Data and Communication Systems*	15/4	A	**5TG2 078**		1	1 unit	021
	• *Black inserts*	*dto.*	15/4	A	**5TG2 080**		1	1/10 units	021
	• *Yellow inserts*	*dto.*	15/4	A	**5TG2 081**		1	1 unit	021
	• *Orange inserts*	*dto.*	15/5	A	**5TG2 082**		1	1 unit	021
	• *Blue inserts*	*dto.*	15/5	A	**5TG2 083**		1	1 unit	021
	• *Brown inserts*	*dto.*	15/5	A	**5TG2 084**		1	1 unit	021
	• *Green inserts*	*dto.*	15/5	A	**5TG2 058**		1	1 unit	021
	• *Beige inserts*	*dto.*	15/5	A	**5TG2 098**		1	1 unit	021
 5TG1 358	**Cover plates, inclined outlet, with labeling field** • For fiber-optic mounting plates • For screw fixing								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG1 358**		1	1 unit	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG1 358-1**		1	1 unit	021
	• Basalt black (similar to RAL 7016)			A	**5TG1 398**		1	1 unit	021
	Note								
	Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool								
 5TG1 913	**Mounting plates for "cover plates, inclined outlet", 2 x "ST" AMP** For fiber-optic installation coupling			A	**5TG1 913**		1	1/10 units	021
 5TG1 914	**Mounting plates for "cover plates, inclined outlet", 2 x "SC" AMP** For fiber-optic installation coupling			A	**5TG1 914**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG1 915	**Mounting plates for "cover plates, inclined outlet", 2 x "SC Duplex" AMP** For fiber-optic installation coupling	A	**5TG1 915**		1	1/10 units	021

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information Size of cover plates: 68 mm x 68 mm								
 5TG1 338	**Cover plates for TV/RF/SAT connection, 2-hole and 3-hole version**								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG1 338**		1	1/10 units	021
	• Platinum metallic (similar to RAL 9007)			A	**5TG1 338-1**		1	1/10 units	021
	• Basalt black (similar to RAL 7016)			A	**5TG1 378**		1	1/10 units	021
	Inserts	Section	Page						
	• *Aerial branch-circuit boxes*	*Functions / Data and Communication Systems dto.*	15/2	A	**5TG2 485**		1	1/10 units	021
	• *Aerial through-way boxes/terminal boxes*		15/2	A	**5TG2 484**		1	1/10 units	021
	Note								
	3rd hole can be knocked out.								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Surface-mounting enclosures

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For horizontal and vertical mounting • Degree of protection: IP20						
Note / Section / Page						
• Degree of protection IP44 for rockers can be achieved with the 5TG4 324 set of seals, see ... — *Accessories and spare parts* — 6/36	A	**5TG4 324**		1	1/10 sets	021
• Degree of protection IP44 for SCHUKO® socket outlets with hinged lids can be achieved with the 5TG4 318 set of seals, see ... — *dto.* — 6/37	A	**5TG4 318**		1	1/10 sets	021
Surface-mounting enclosures Flame-resistant base plate						
Versions						
• Titanium white (similar to RAL 9010)						
- Single, 84 mm x 84 mm x 42.5 mm	A	**5TG2 901**		1	1/5 units	021
- Double, 155 mm x 84 mm x 42.5 mm	A	**5TG2 902**		1	1/3 units	021
- Triple, 226 mm x 84 mm x 42.5 mm	A	**5TG2 903**		1	1/2 units	021
• Platinum metallic (similar to RAL 9007)						
- Single, 84 mm x 84 mm x 42.5 mm	A	**5TG2 901-1**		1	1 unit	021
- Double, 155 mm x 84 mm x 42.5 mm	A	**5TG2 902-1**		1	1 unit	021
- Triple, 226 mm x 84 mm x 42.5 mm	A	**5TG2 903-1**		1	1 unit	021



5TG2 901

Note

The PE conductor can be looped through by inserting a WAGO 2-conductor junction box terminal (WAGO order number: 273-252) in the pocket provided for this purpose in the base plate.

Included in delivery:

Type	Dummy nipple	Slide nipple cable entry	Slide nipple channel entry
• Single	2 unit	1 unit	1 unit
• Double	4 unit	1 unit	1 unit
• Triple	4 unit	1 unit	1 unit

Accessories	Section	Page	DT	Order No.	PU (UNIT, SET, M)	PS*/ P. unit	PG
• *Slide nipples cable entry* titanium white (similar to RAL 9010) (one set contains 10 units)	*Accessories and spare parts*	6/38	A	**5TG2 905**	1	1 set	021
• *Slide nipples channel entry* titanium white (similar to RAL 9010) (one set contains 10 units)	*dto.*	6/38	A	**5TG2 904**	1	1 set	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG1 391	**Module carriers, 1M** • For holding one m-system module • For screw fixing						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG1 391**		1	1/20 units	021
	• Platinum metallic (similar to RAL 9007)	A	**5TG1 391-1**		1	1/20 units	021
	Note / Section / Page						
	For module inserts, see ... *Design / m-system / Modules for communication* 8/6						
	Design / m-system / Other modules 8/7						
 5TG1 392	**Module carriers, 2M** • For holding two m-system modules • For screw fixing						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG1 392**		1	1/20 units	021
	• Platinum metallic (similar to RAL 9007)	A	**5TG1 392-1**		1	1/20 units	021
	Note / Section / Page						
	For module inserts, see ... *Design / m-system / Modules for communication* 8/6						
	Design / m-system / Other modules 8/7						

6

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

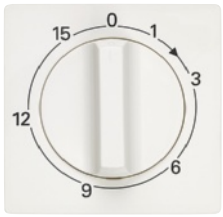
Add-on devices

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • Size of cover plates: 68 mm x 68 mm • For screw and claw fixing						
 5TG1 330	**Blanking cover plates** Versions						
	• Titanium white (RAL 9010) • Platinum metallic (similar to RAL 9007) • Basalt black (similar to RAL 7016)	A A A	**5TG1 330** **5TG1 330-1** **5TG1 370**		1 1 1	1/10 units 1/10 units 1/10 units	021 021 021
	Note: The blanking cover plate can also be used with the *UP 141 repeater wave insert* (5WG3 141-2AB01), see ... — Section: *Remote Control Systems/ GAMMA wave - The Multi-functional Radio System/ Inserts* — Page: 16/5						
 5TG1 335	**Outlet plates** With strain relief Versions						
	• Titanium white (RAL 9010) • Platinum metallic (similar to RAL 9007) • Basalt black (similar to RAL 7016)	A A A	**5TG1 335** **5TG1 335-1** **5TG1 375**		1 1 1	1/10 units 1/10 units 1/10 units	021 021 021
 5TD2 860	**Light signals** • 250 V AC with transformer • With tubular lamp, 12 V AC, 1.2 W • With red window • Discontinued model Versions						
	• Titanium white (RAL 9010) • Platinum metallic (similar to RAL 9007) • Basalt black (similar to RAL 7016)	A A A	**5TD2 860** **5TD2 860-1** **5TD2 861**		1 1 1	1 unit 1 unit 1 unit	021 021 021
	Note: • 5TG1 897 *spare tubular lamp*, see ... — Section: *Accessories and spare parts* — Page: 6/38	A	**5TG1 897**		1	1/10 units	021
	Note: • 5TG1 898 *spare window*, see ... — Section: *dto.* — Page: 6/38	A	**5TG1 898**		1	1/10 sets	021
	Note: Our free labeling tool can help you create individual labeling fields. Download at: www.siemens.com/labeling-tool						
 5TG1 333	**Cover plates for flush-mounting control devices** • For screw fixing • Including intermediate frame • For 22.5 mm Ø (DIN 43696) Versions						
	• Titanium white (similar to RAL 9010) • Platinum metallic (similar to RAL 9007)	A A	**5TG1 333** **5TG1 333-1**		1 1	1/10 units 1/10 units	021 021
	Note: EMERGENCY-STOP pushbutton, see ... — Section: *Automation Technology / Industrial Controls / Commanding and Signaling Devices / Pushbuttons and Indicator Lights* — Page: --						
 5TG4 812	**Volume controls** 3 W, 27 Ω, mono Versions						
	• Titanium white (RAL 9010) • Platinum metallic (similar to RAL 9007) • Basalt black (similar to RAL 7016)	A A A	**5TG4 812** **5TG4 812-1** **5TG4 813**		1 1 1	1 unit 1 unit 1 unit	021 021 021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011



5TC8 932

Cover plates for time switches
- Runtime: 15 min
- With inscription

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions								
• Titanium white (similar to RAL 9010)			A	**5TC8 932**		1	1/10 units	024
• Platinum metallic (similar to RAL 9007)			A	**5TC8 932-1**		1	1 unit	024
• Basalt black (similar to RAL 7016)				**On request**				
Inserts	Section	Page						
Time switches	*Functions / Switching/Push-button Control/Dimming / Inserts*	10/17	A	**5TC1 250**		1	1 unit	024



5TD2 862

Service displays
- Labeling in English
- Including module carrier
- Red/Green, illuminated
- 90 ... 240 V AC / 50 ... 60 Hz
- Power consumption per module approx. 1 W
- Approx. 1 Lux at 0.5 m and 230 V
- Screw terminals

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions								
• Titanium white (similar to RAL 9010)			A	**5TD2 862**		1	1 unit	021
• Platinum metallic (similar to RAL 9007)			A	**5TD2 862-1**		1	1 unit	021
Note								
The service switch can also be used as a supplement to the service display.								
Service switches, double	Section	Page						
• Titanium white (similar to RAL 9010)	*Switches and Pushbuttons dto.*	6/10	A	**5TD2 863**		1	1 unit	021
• Platinum metallic (similar to RAL 9007)		6/10	A	**5TD2 863-1**		1	1 unit	021
• Basalt black (similar to RAL 7016)				**On request**				



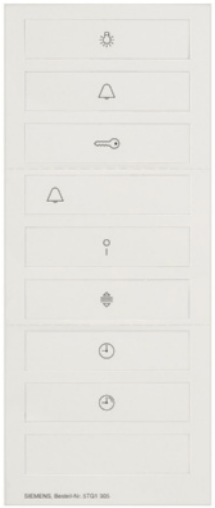
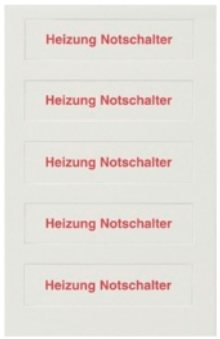
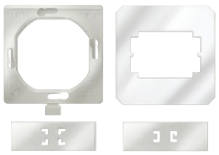
5TD2 863

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

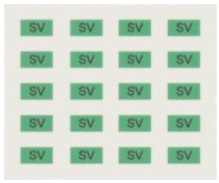
Accessories and spare parts

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories for rockers							
 5TG1 305	**Sheets of pictographs** With labels for rockers with labeling field(s) Versions						
	• For single rockers	A	**5TG1 305**		1	1 unit	021
	• For double rockers	A	**5TG1 306**		1	1 unit	021
 5TG1 316	**Labeling field inserts "Heating Emergency Switch"** For rockers with labeling field	A	**5TG1 316**		1	1 unit	021
 5TG4 324	**IP44 sets of seals for rockers** • For single or double rockers • 1 set contains 4 individual seals	A	**5TG4 324**		1	1/10 sets	021
 5TG7 315	**LED light inserts, for switch and pushbutton inserts** For all rockers with windows						
	Fluorescent color / Rated voltage / Power consumption in mA						
	• Red						
	1.5 V DC / 2	A	**5TG7 318**		1	1/10 units	021
	8 V AC / 2	A	**5TG7 315**		1	1/10 units	021
	12 V AC / 2	A	**5TG7 316**		1	1/10 units	021
	24 V AC / 2	A	**5TG7 317**		1	1/10 units	021
	230 V AC / 1	A	**5TG7 353**		1	1/10 units	021
	• Orange						
	- normal / 230 V AC / 0.9	A	**5TG7 333**		1	1/10 units	021
	- Strong / 230 V AC / 1.0	A	**5TG7 343**		1	1/10 units	021
	• White / 230 V AC / 1.1	A	**5TG7 354**		1	1/10 units	021
	• Blue / 230 V AC / 1.1	A	**5TG7 355**		1	1/10 units	021
	Note						
	• The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already. • If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG7 321	**Glow lamps for switch and pushbutton inserts** • Protected against contact • 230 V AC • Reduced luminosity • Power consumption 0.18 mA • Base color: white	A	**5TG7 321**		1	1/10 units	021
Accessories for socket outlets							
 5TG4 318	**IP44 seals, for socket outlets** • For SCHUKO® socket outlets with hinged lid • 1 set contains a single individual seal	A	**5TG4 318**		1	1/10 sets	021
 5UH1 084	**Label sheets "SV"** • For marking the inserts • 1 sheet contains 20 self-adhesive labels	A	**5UH1 084**		1	1 unit	021
 5UH1 085	**Label sheets "ZSV"** • For marking the inserts • 1 sheet contains 20 self-adhesive labels	A	**5UH1 085**		1	1 unit	021
 5UH1 086	**Label sheets "WSV"** • For marking the inserts • 1 sheet contains 20 self-adhesive labels	A	**5UH1 086**		1	1 unit	021
Accessories for dimmers							
 5TG8 302	**Spare fuses** 250 V						
	Versions						
	• T 1.6 H 250 V - For incandescent lamp dimmers, 50 ... 400 W (5TC8 256) - For sensor dimmers, with/without memory function, 20 ... 400 W (5TC8 240 / 5TC8 232)	A	**5TG8 302**		1	1/10 units	024
	• T 2.5 H 250 V - For incandescent lamp dimmers, 50 ... 600 W (5TC8 257)	A	**5TG8 305**		1	1/10 units	024
	• T 4 H 250 V - For low-voltage dimmers for magnetic transformers (5TC8 283) - For electronic potentiometers (5TC8 424 and 5TC8 420) - For speed regulating rheostats (5TC8 604)	A	**5TG8 330**		1	1/10 units	024
Accessories for shutter/blind controls							
 5TC1 526	**Sun sensors** • With 2-m connecting cable (extendable to 10 m) • In combination with the Comfort shutter/blind control, the sun sensor can be used for sun protection and twilight functions	A	**5TC1 526**		1	1 unit	024

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Comfort shutter/blind controls*	19/54

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Accessories and spare parts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories for surface-mounting enclosures							
 5TG2 905	**Slide nipples cable entry** • Titanium white (similar to RAL 9010) • One set contains 10 units	A	**5TG2 905**		1	1 set	021
 5TG2 904	**Slide nipples channel entry** • For 15 mm x 15 mm to 19 mm x 19 mm • Titanium white (similar to RAL 9010) • One set contains 10 units	A	**5TG2 904**		1	1 set	021
Spare parts							
 5TG1 897	**Spare tubular lamps for light signal insert** • 1.2 W, 12 V AC • Discontinued model	A	**5TG1 897**		1	1/10 units	021
 5TG7 304	**Spare glow lamps for SCHUKO® socket outlets with status display** 1.5 mA, 230 V AC/50 Hz	A	**5TG7 304**		1	1/10 units	021
 5UH1 300	**Spare overvoltage protection modules** For SCHUKO® socket outlets with overvoltage protection	A	**5UH1 300**		1	1 unit	021
 5TG1 898	**Spare window sets for light signals** • One set contains 2 x red, 2 x clear and 2 x gray • Discontinued model	A	**5TG1 898**		1	1/10 sets	021

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection*	19/15

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

DELTA natur



7/2 Introduction
7/5 Frames
7/6 Switches and pushbuttons
7/8 Socket outlets
7/9 Shutter/blind controls
7/10 Lighting controls
7/11 Communication
7/12 TV/RF/SAT
7/13 Add-on devices
7/13 Accessories and spare parts

© Siemens AG 2011

Introduction

Overview

Colors and designs of the DELTA natur product range



Light oak



Dark oak



Maple red



Maple



Beech[1)]

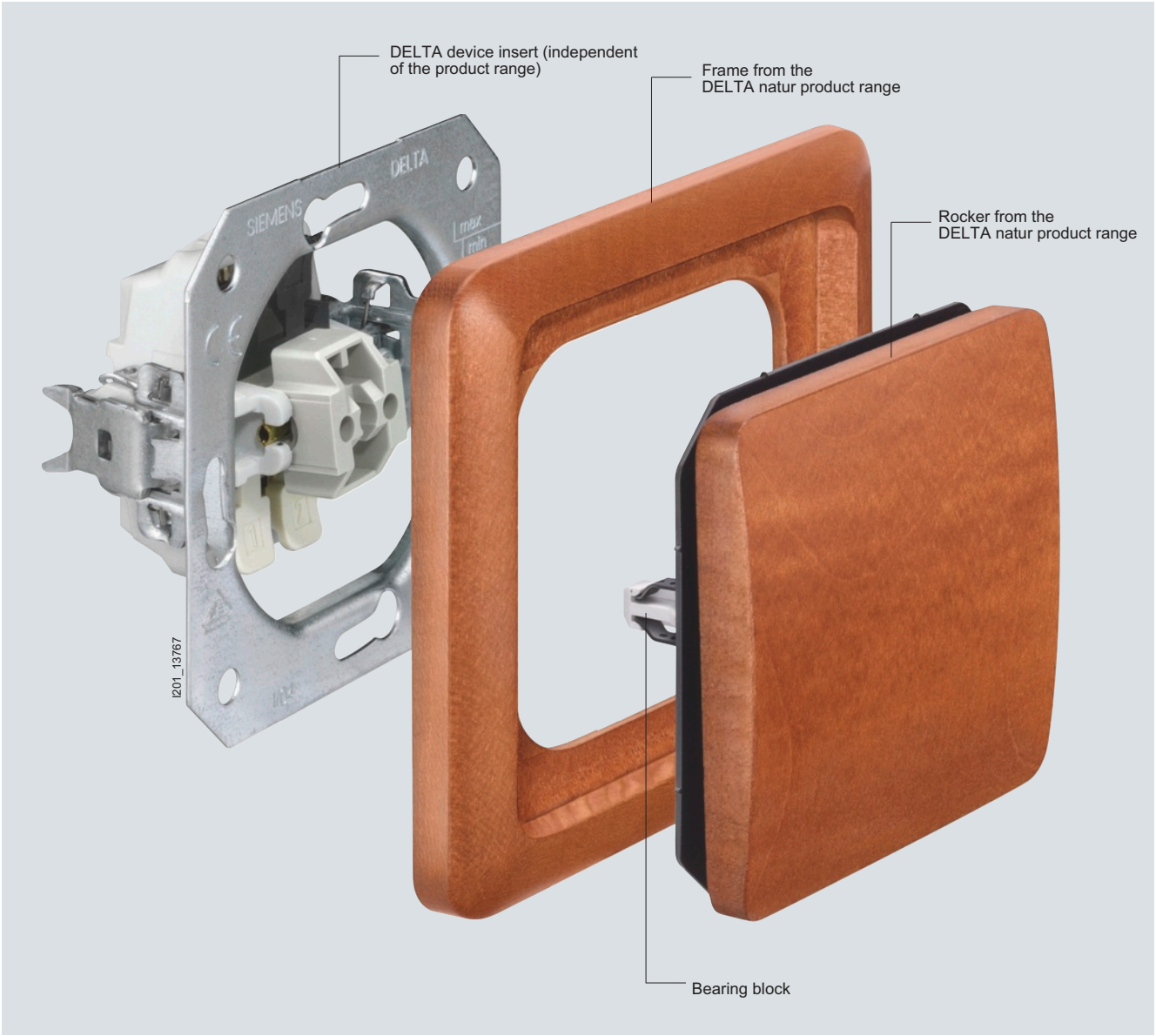


Cherry[1)]

[1)] Color achieved through staining.

© Siemens AG 2011

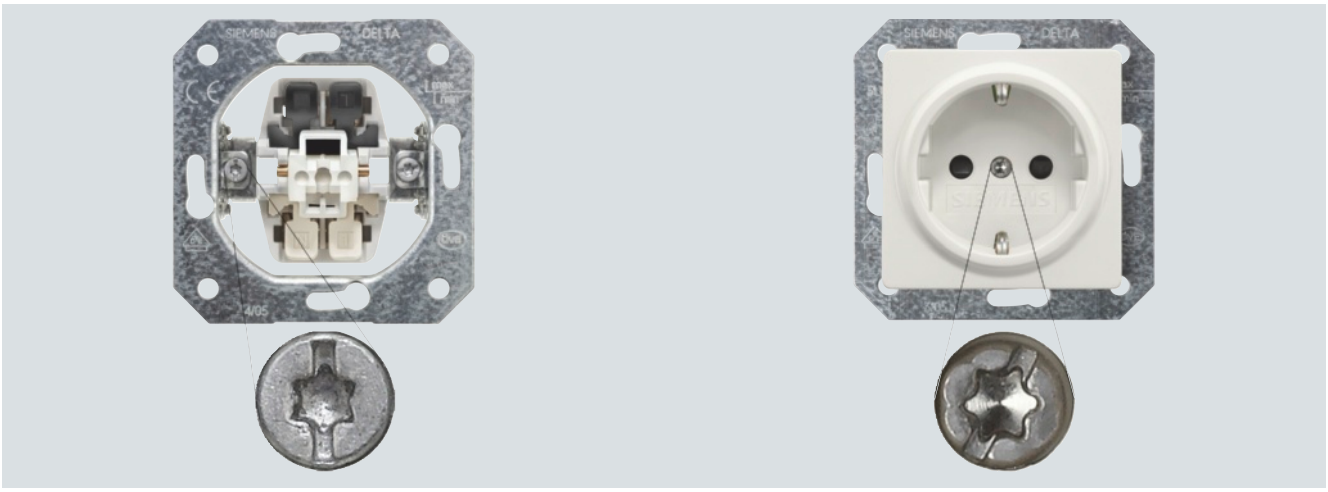
Technical design of the DELTA natur product range



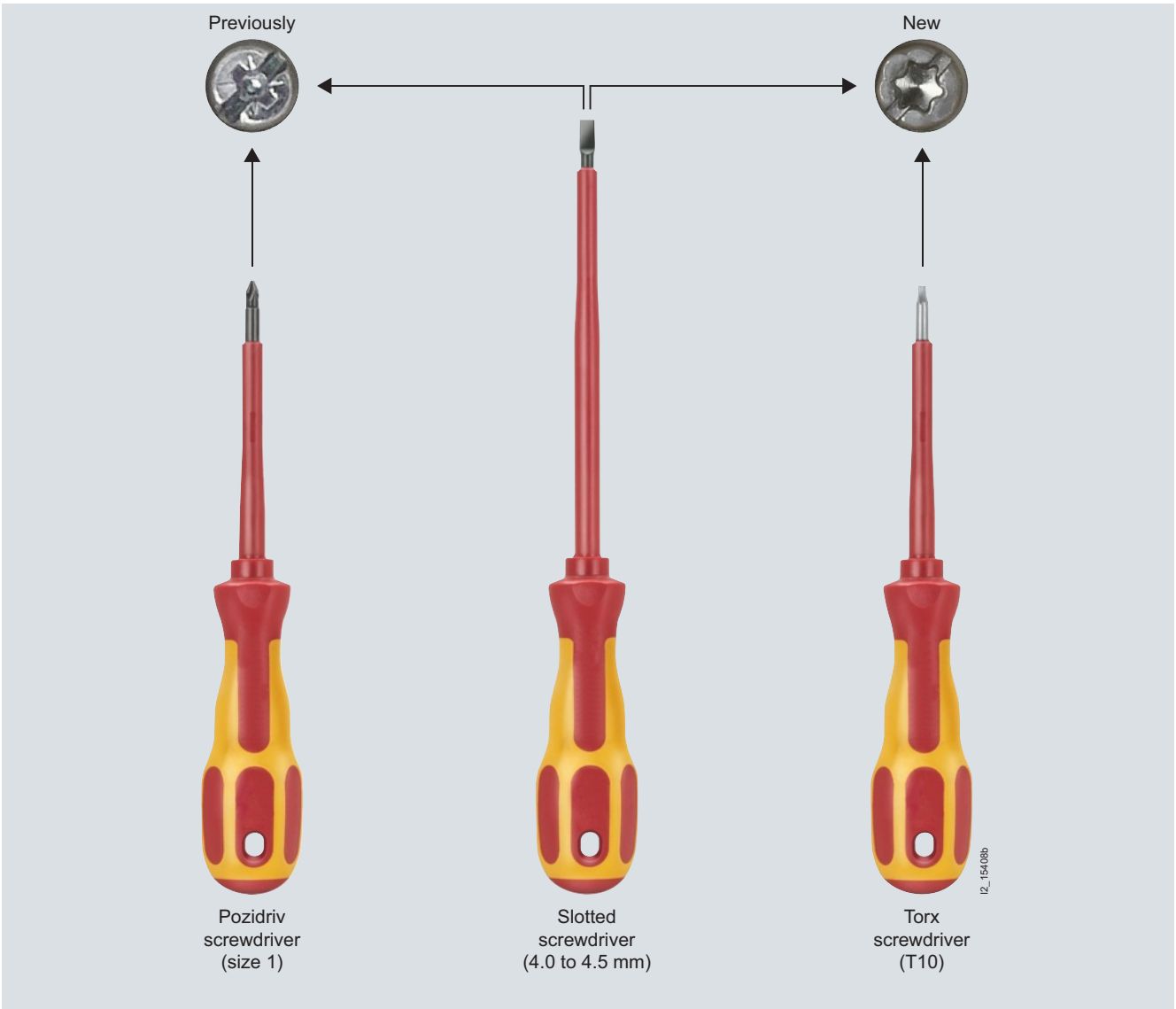
© Siemens AG 2011

Introduction

Combination screws for Torx T10 and slotted screwdrivers



Since 11/2008, we have been successively equipping all our inserts for switches and pushbuttons, and all SCHUKO® socket outlets from the DELTA product range, with the new combination screws.



Use of different screwdrivers on the previously used and new combination screw.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Frames made of solid wood • For horizontal and vertical mounting • Degree of protection: IP20						
Frames, 81 mm						
Versions						
• Light oak						
- Single, 81 mm x 81 mm	A	**5TG1 601**		1	1 unit	021
- Double, 152 mm x 81 mm	A	**5TG1 602**		1	1 unit	021
- Triple, 223 mm x 81 mm	A	**5TG1 603**		1	1 unit	021
- Quadruple, 294 mm x 81 mm	A	**5TG1 604**		1	1 unit	021
• Dark oak						
- Single, 81 mm x 81 mm	A	**5TG1 611**		1	1 unit	021
- Double, 152 mm x 81 mm	A	**5TG1 612**		1	1 unit	021
- Triple, 223 mm x 81 mm	A	**5TG1 613**		1	1 unit	021
- Quadruple, 294 mm x 81 mm	A	**5TG1 614**		1	1 unit	021
• Maple red						
- Single, 81 mm x 81 mm	A	**5TG1 621**		1	1 unit	021
- Double, 152 mm x 81 mm	A	**5TG1 622**		1	1 unit	021
- Triple, 223 mm x 81 mm	A	**5TG1 623**		1	1 unit	021
- Quadruple, 294 mm x 81 mm	A	**5TG1 624**		1	1 unit	021
• Maple						
- Single, 81 mm x 81 mm	A	**5TG1 651**		1	1 unit	021
- Double, 152 mm x 81 mm	A	**5TG1 652**		1	1 unit	021
- Triple, 223 mm x 81 mm	A	**5TG1 653**		1	1 unit	021
- Quadruple, 294 mm x 81 mm	A	**5TG1 654**		1	1 unit	021
• Beech (color achieved through staining)						
- Single, 81 mm x 81 mm	A	**5TG1 681**		1	1 unit	021
- Double, 152 mm x 81 mm	A	**5TG1 682**		1	1 unit	021
- Triple, 223 mm x 81 mm	A	**5TG1 683**		1	1 unit	021
- Quadruple, 294 mm x 81 mm	A	**5TG1 684**		1	1 unit	021
• Cherry (color achieved through staining)						
- Single, 81 mm x 81 mm	A	**5TG1 671**		1	1 unit	021
- Double, 152 mm x 81 mm	A	**5TG1 672**		1	1 unit	021
- Triple, 223 mm x 81 mm	A	**5TG1 673**		1	1 unit	021
- Quadruple, 294 mm x 81 mm	A	**5TG1 674**		1	1 unit	021



5TG1 601

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switches and pushbuttons

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • Size of rockers: 62 mm x 62 mm • Rockers made of solid wood • Degree of protection: IP20								
	Note	Section	Page						
	For extension claws, see ...	*Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts*	10/19						
 5TG7 641	**Rockers, neutral**								
	Versions								
	• Light oak			A	**5TG7 641**		1	1 unit	021
	• Dark oak			A	**5TG7 651**		1	1 unit	021
	• Maple red			A	**5TG7 681**		1	1 unit	021
	• Maple			A	**5TG7 686**		1	1 unit	021
	• Beech (color achieved through staining)			A	**5TG7 691**		1	1 unit	021
	• Cherry (color achieved through staining)			A	**5TG7 672**		1	1 unit	021
	Inserts	Section	Page						
	• *Universal switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030
 5TG7 640	**Rockers with window**								
	Versions								
	• Light oak			A	**5TG7 640**		1	1 unit	021
	• Dark oak			A	**5TG7 650**		1	1 unit	021
	• Maple red			A	**5TG7 680**		1	1 unit	021
	• Maple			A	**5TG7 687**		1	1 unit	021
	• Beech (color achieved through staining)			A	**5TG7 692**		1	1 unit	021
	• Cherry (color achieved through staining)			A	**5TG7 673**		1	1 unit	021
	Inserts	Section	Page						
	• *Universal switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/3	A	**5TA2 156**		1	1/10 units	021
	• *Intermediate switches*	*dto.*	10/4	A	**5TA2 117**		1	1/10 units	021
	• *ON/OFF switches, 1-pole*	*dto.*	10/4	A	**5TA2 151**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact*	*dto.*	10/9	A	**5TD2 120**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact*	*dto.*	10/10	A	**5TD2 123**		1	1/10 units	021
	• *Switches with pilot lamp, for ON/OFF switching*	*dto.*	10/6	A	**5TA2 150**		1	1/10 units	021
	• *Switches with pilot lamp, for two-way switching*	*dto.*	10/6	A	**5TA2 108**		1	1/10 units	021
	• *Pushbuttons, 1 NO contact, with separate neutral terminal*	*dto.*	10/9	A	**5TD2 116**		1	1/10 units	021
	• *Pushbuttons, 1 CO contact, with separate neutral terminal*	*dto.*	10/10	A	**5TD2 117**		1	1/10 units	021
	• *Pushbuttons, with separate check-back indication*	*dto.*	10/10	A	**5TD2 114**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, single*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB01**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, single*	*dto.*	18/2	A	**5WG1 116-2AB21**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG7 645	**Rockers, double, neutral**								
	Versions								
	• Light oak			A	**5TG7 645**		1	1 unit	021
	• Dark oak			A	**5TG7 655**		1	1 unit	021
	• Maple red			A	**5TG7 685**		1	1 unit	021
	• Maple			A	**5TG7 688**		1	1 unit	021
	• Beech (color achieved through staining)			A	**5TG7 693**		1	1 unit	021
	• Cherry (color achieved through staining)			A	**5TG7 674**		1	1 unit	021
	Inserts	Section	Page						
	• *Double two-way switches*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/7	A	**5TA2 118**		1	1/10 units	021
	• *Two-circuit switches*	*dto.*	10/8	A	**5TA2 155**		1	1/10 units	021
	• *Pushbuttons, double, 1 NO contact, 1 CO contact*	*dto.*	10/11	A	**5TD2 115**		1	1/10 units	021
	• *Pushbuttons, double, 2 NO contacts*	*dto.*	10/11	A	**5TD2 111**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030
 5TG7 644	**Rockers, double, with Up/Down symbols**								
	Versions								
	• Light oak			A	**5TG7 644**		1	1 unit	021
	• Dark oak			A	**5TG7 654**		1	1 unit	021
	• Maple red			A	**5TG7 684**		1	1 unit	021
	• Maple			A	**5TG7 690**		1	1 unit	021
	• Beech (color achieved through staining)			A	**5TG7 694**		1	1 unit	021
	• Cherry (color achieved through staining)			A	**5TG7 677**		1	1 unit	021
	Inserts	Section	Page						
	• *Shutter/blind switches, with electrical and mechanical interlock*	*Functions / Shutter/blind controls*	13/2	A	**5TA2 154**		1	1/10 units	021
	• *Shutter/blind pushbuttons, with electrical interlock*	*dto.*	13/2	A	**5TA2 114**		1	1/10 units	021
	• *DELTA UP 116 bus coupling units, center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
	• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Socket outlets

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For screw and claw fixing • Live parts of inserts are covered by molded plastic • With self-retracting claws • The terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm² • Cover plates made of solid wood • Size of cover plates: 62 mm x 62 mm						
Note: For extension claws, see ... — Section: *Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts* — Page: 10/19						
SCHUKO® socket outlets With screwless terminals						
Versions						
• Light oak (plastic part similar to RAL 8028)	A	**5UB1 630**		1	1 unit	021
• Dark oak (plastic part similar to RAL 8028)	A	**5UB1 640**		1	1 unit	021
• Maple red (plastic part similar to RAL 9011)	A	**5UB1 650**		1	1 unit	021
• Maple (plastic part similar to RAL 9001)	A	**5UB1 613**		1	1 unit	021
• Beech (color achieved through staining, plastic part similar to RAL 9001)	A	**5UB1 663**		1	1 unit	021
• Cherry (color achieved through staining, plastic part similar to RAL 8028)	A	**5UB1 673**		1	1 unit	021
SCHUKO® socket outlets with increased touch protection With screwless terminals						
Versions						
• Light oak (plastic part similar to RAL 8028)	A	**5UB1 631**		1	1 unit	021
• Dark oak (plastic part similar to RAL 8028)	A	**5UB1 641**		1	1 unit	021
• Maple red (plastic part similar to RAL 9011)	A	**5UB1 651**		1	1 unit	021
• Maple (plastic part similar to RAL 9001)	A	**5UB1 614**		1	1 unit	021
• Beech (color achieved through staining, plastic part similar to RAL 9001)	A	**5UB1 664**		1	1 unit	021
• Cherry (color achieved through staining, plastic part similar to RAL 8028)	A	**5UB1 674**		1	1 unit	021
Socket outlets with grounding pin • 16 A, 250 V AC • 2-pole according to CEE7 • French/Belgian standard • With anti-slip terminals, up to 4 x 2.5 mm²						
Versions						
• Light oak (plastic part similar to RAL 8028)	D	**5UB1 638**		1	1 unit	021
• Dark oak (plastic part similar to RAL 8028)	D	**5UB1 648**		1	1 unit	021
• Maple red (plastic part similar to RAL 9011)	A	**5UB1 658**		1	1 unit	021
• Maple (plastic part similar to RAL 9001)	A	**5UB1 615**		1	1 unit	021
• Beech (color achieved through staining, plastic part similar to RAL 9001)	A	**5UB1 665**		1	1 unit	021
• Cherry (color achieved through staining, plastic part similar to RAL 8028)	A	**5UB1 675**		1	1 unit	021



5UB1 630



5UB1 631


5UB1 638

7

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Rockers made of solid wood • Size of rockers: 62 mm x 62 mm						
Rockers, double, with Up/Down symbols						
Versions						
• Light oak	A	**5TG7 644**		1	1 unit	021
• Dark oak	A	**5TG7 654**		1	1 unit	021
• Maple red	A	**5TG7 684**		1	1 unit	021
• Maple	A	**5TG7 690**		1	1 unit	021
• Beech (color achieved through staining)	A	**5TG7 694**		1	1 unit	021
• Cherry (color achieved through staining)	A	**5TG7 677**		1	1 unit	021



5TG7 644

Inserts	Section	Page	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
• *Shutter/blind switches, with electrical and mechanical interlock*	*Functions / Shutter/blind controls*	13/2	A	**5TA2 154**		1	1/10 units	021
• *Shutter/blind pushbuttons, with electrical interlock*	*dto.*	13/2	A	**5TA2 114**		1	1/10 units	021
• *DELTA UP 116 bus coupling units, center position, double*	*Functions / GAMMA Bus Coupling Units*	18/2	A	**5WG1 116-2AB11**		1	1 unit	030
• *DELTA UP 116 bus coupling units, pushbutton position, double*	*dto.*	18/2	A	**5WG1 116-2AB31**		1	1 unit	030

7

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Cover plates and rotary buttons made of solid wood • Size of cover plates: 62 mm x 62 mm						
 5TC8 914						
Cover plates with rotary button, for dimmers						
Versions						
• Light oak	A	**5TC8 914**		1	1 unit	024
• Dark oak	A	**5TC8 915**		1	1 unit	024
• Maple red	A	**5TC8 916**		1	1 unit	024
• Maple	A	**5TC8 917**		1	1 unit	024
• Beech (color achieved through staining)	A	**5TC8 918**		1	1 unit	024
• Cherry (color achieved through staining)	A	**5TC8 920**		1	1 unit	024

Symbol	Inserts	Section	Page	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	*Incandescent lamp dimmers, 50 ... 400 W*	*Functions / Switching/ Pushbutton Control/ Dimming*	10/11	A	**5TC8 256**		1	1 unit	024
	*Incandescent lamp dimmers, 50 ... 600 W, for two-way switching*	*dto.*	10/12	A	**5TC8 257**		1	1 unit	024
	*LV dimmers, for solenoid transformers, 50 ... 600 W, 25 ... 500 VA, for two-way switching*	*dto.*	10/12	A	**5TC8 283**		1	1 unit	024
	*LV dimmers, for electronic transformers, 20 ... 600 W, 20 ... 525 VA, for two-way switching*	*dto.*	10/13	A	**5TC8 284**		1	1 unit	024
	*LV dimmers, for electronic transformers, 60 ... 800 W, 60 ... 800 VA, for two-way switching*	*dto.*	10/13	A	**5TC8 258**		1	1 unit	024
	*Electronic potentiometers, switch*	*dto.*	10/15	A	**5TC8 424**		1	1 unit	024
	*Electronic potentiometers, pushbutton*	*dto.*	10/16	A	**5TC8 425**		1	1 unit	024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • Cover plates made of solid wood • Size of cover plates: 62 mm x 62 mm								
 5TG1 607	**Cover plates for TAE outlet boxes and loudspeaker outlet boxes**							
Versions								
• Light oak			A	**5TG1 607**		1	1 unit	021
• Dark oak			A	**5TG1 617**		1	1 unit	021
• Maple red			A	**5TG1 627**		1	1 unit	021
• Maple			A	**5TG1 657**		1	1 unit	021
• Beech (color achieved through staining)			A	**5TG1 687**		1	1 unit	021
• Cherry (color achieved through staining)			A	**5TG1 677**		1	1 unit	021
Inserts	Section	Page						
• *TAE 6F+N, black*[1)]	*Functions / Data and Communication Systems*	15/2	A	**5TG2 853**		1	1 unit	021
• *TAE 3x 6NFN, black*[1)]	*dto.*	15/2	A	**5TG2 480**		1	1 unit	021
• *TAE 2x 6/6NFF, black*[1)]	*dto.*	15/3	A	**5TG2 854**		1	1 unit	021
• *UAE 8/6/TAE 6F+N, black*	*dto.*	15/3	A	**5TG2 855**		1	1 unit	021
• Loudspeaker outlet boxes, single	*dto.*	15/3	A	**5TG2 467-2**		1	1 unit	021
• Loudspeaker outlet boxes, double	*dto.*	15/3	A	**5TG2 468-2**		1	1 unit	021
Footnote								
[1)] Version for Austria on request.								
 5TG1 630	**Cover plates for UAE outlet boxes** • For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6) • For Cat.6 inserts from BTR (E-DAT) • With 45° inclined outlet • For single and double							
Versions								
• Light oak			A	**5TG1 630**		1	1 unit	021
• Dark oak			A	**5TG1 631**		1	1 unit	021
• Maple red			A	**5TG1 632**		1	1 unit	021
• Maple			A	**5TG1 633**		1	1 unit	021
• Beech (color achieved through staining)			A	**5TG1 634**		1	1 unit	021
• Cherry (color achieved through staining)			A	**5TG1 635**		1	1 unit	021
Inserts	Section	Page						
• *UAE outlet boxes, Cat.3, Rutenbeck*								
- *1 x 8-pole*	*Functions / Data and Communication Systems*	15/3	A	**5TG2 417**		1	1 unit	021
- *2 x 8-pole*	*dto.*	15/3	A	**5TG2 406**		1	1 unit	021
• *UAE outlet boxes, Cat.5e, Rutenbeck*								
- 1 x 8-pole	*dto.*	15/3	A	**5TG2 418**		1	1 unit	021
- 2 x 8-pole	*dto.*	15/3	A	**5TG2 407**		1	1 unit	021
• *UAE outlet boxes, real Cat.6, Rutenbeck, 2 x 8-pole*	*dto.*	15/3	A	**5TG2 448**		1	1 unit	021
Note								
The UAE cover plate can be combined with • AMJ45 and UMJ45 Up 0 inserts (without central plate) from Telegärtner, • AMP-TWIST-6S Plannar Up 0 inserts from Tyco electronics and • Cat.5e UP 0 inserts from Tyco electronics.								

7

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

TV/RF/SAT

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • Cover plates made of solid wood • Size of cover plates: 62 mm x 62 mm								
	**Cover plates for TV/RF/SAT connection, 2-hole version**								
	Versions								
	• Light oak			A	**5TG1 605**		1	1 unit	021
	• Dark oak			A	**5TG1 615**		1	1 unit	021
	• Maple red			A	**5TG1 625**		1	1 unit	021
	• Maple			A	**5TG1 655**		1	1 unit	021
	• Beech (color achieved through staining)			A	**5TG1 685**		1	1 unit	021
	• Cherry (color achieved through staining)			A	**5TG1 675**		1	1 unit	021
5TG1 605	Inserts	Section	Page						
	• *Aerial branch-circuit boxes*	*Functions / Data and Communication Systems dto.*	15/2	A	**5TG2 485**		1	1/10 units	021
	• *Aerial through-way boxes/terminal boxes*		15/2	A	**5TG2 484**		1	1/10 units	021
	**Cover plates for TV/RF/SAT connection, 3-hole version**								
	Versions								
	• Light oak			A	**5TG1 638**		1	1 unit	021
	• Dark oak			A	**5TG1 648**		1	1 unit	021
	• Maple red			A	**5TG1 658**		1	1 unit	021
	• Maple			A	**5TG1 647**		1	1 unit	021
	• Beech (color achieved through staining)			A	**5TG1 690**		1	1 unit	021
	• Cherry (color achieved through staining)			A	**5TG1 668**		1	1 unit	021
5TG1 638									

7

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG1 600						
Blanking cover plates • Cover plates made of solid wood • Size of cover plates: 62 mm x 62 mm • For screw and claw fixing						
Versions						
• Light oak	A	**5TG1 600**		1	1 unit	021
• Dark oak	A	**5TG1 610**		1	1 unit	021
• Maple red	A	**5TG1 620**		1	1 unit	021
• Maple	A	**5TG1 650**		1	1 unit	021
• Beech (color achieved through staining)	A	**5TG1 680**		1	1 unit	021
• Cherry (color achieved through staining)	A	**5TG1 670**		1	1 unit	021

7

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories for rockers						
 5TG7 315						
LED light inserts, for switch and pushbutton inserts For all rockers with windows						
Fluorescent color / Rated voltage / Power consumption in mA						
• Red 1.5 V DC / 2	A	**5TG7 318**		1	1/10 units	021
8 V AC / 2	A	**5TG7 315**		1	1/10 units	021
12 V AC / 2	A	**5TG7 316**		1	1/10 units	021
24 V AC / 2	A	**5TG7 317**		1	1/10 units	021
230 V AC / 1	A	**5TG7 353**		1	1/10 units	021
• Orange						
- Normal: 230 V AC / 0.9	A	**5TG7 333**		1	1/10 units	021
- Strong: 230 V AC / 1.0	A	**5TG7 343**		1	1/10 units	021
• White: 230 V AC / 1.1	A	**5TG7 354**		1	1/10 units	021
• Blue: 230 V AC / 1.1	A	**5TG7 355**		1	1/10 units	021
Note						
• The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already. • If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.						
 5TG7 321						
Glow lamps for switch and pushbutton inserts • Protected against contact • 230 V AC • Reduced luminosity • Power consumption 0.18 mA • Base color: white	A	**5TG7 321**		1	1/10 units	021
Accessories for dimmers						
 5TG8 302						
Spare fuses 250 V						
Versions						
• T 1.6 H 250 V - For incandescent lamp dimmers, 50 ... 400 W (5TC8 256) - For sensor dimmers, with/without memory function, 20 ... 400 W (5TC8 240 / 5TC8 232)	A	**5TG8 302**		1	1/10 units	024
• T 2.5 H 250 V - For incandescent lamp dimmers, 50 ... 600 W (5TC8 257)	A	**5TG8 305**		1	1/10 units	024
• T 4 H 250 V - For low-voltage dimmers for magnetic transformers (5TC8 283) - For electronic potentiometers (5TC8 424 and 5TC8 420) - For speed regulating rheostats (5TC8 604)	A	**5TG8 330**		1	1/10 units	024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Notes

© Siemens AG 2011



8/2 Introduction

8/4 Module carriers for DELTA line, DELTA vita and DELTA miro

8/5 Module carriers for DELTA profil

8/5 Module carriers for DELTA style

8/6 Modules for communication

8/7 Other modules

© Siemens AG 2011

Introduction

Overview

Colors and designs of the m-system

DELTA line


Titanium white


Aluminum metallic


Carbon metallic

DELTA vita

Products to be discontinued


Titanium white


Aluminum metallic


Carbon metallic

DELTA miro


Titanium white


Aluminum metallic


Carbon metallic

DELTA profil


Titanium white


Silver


Anthracite

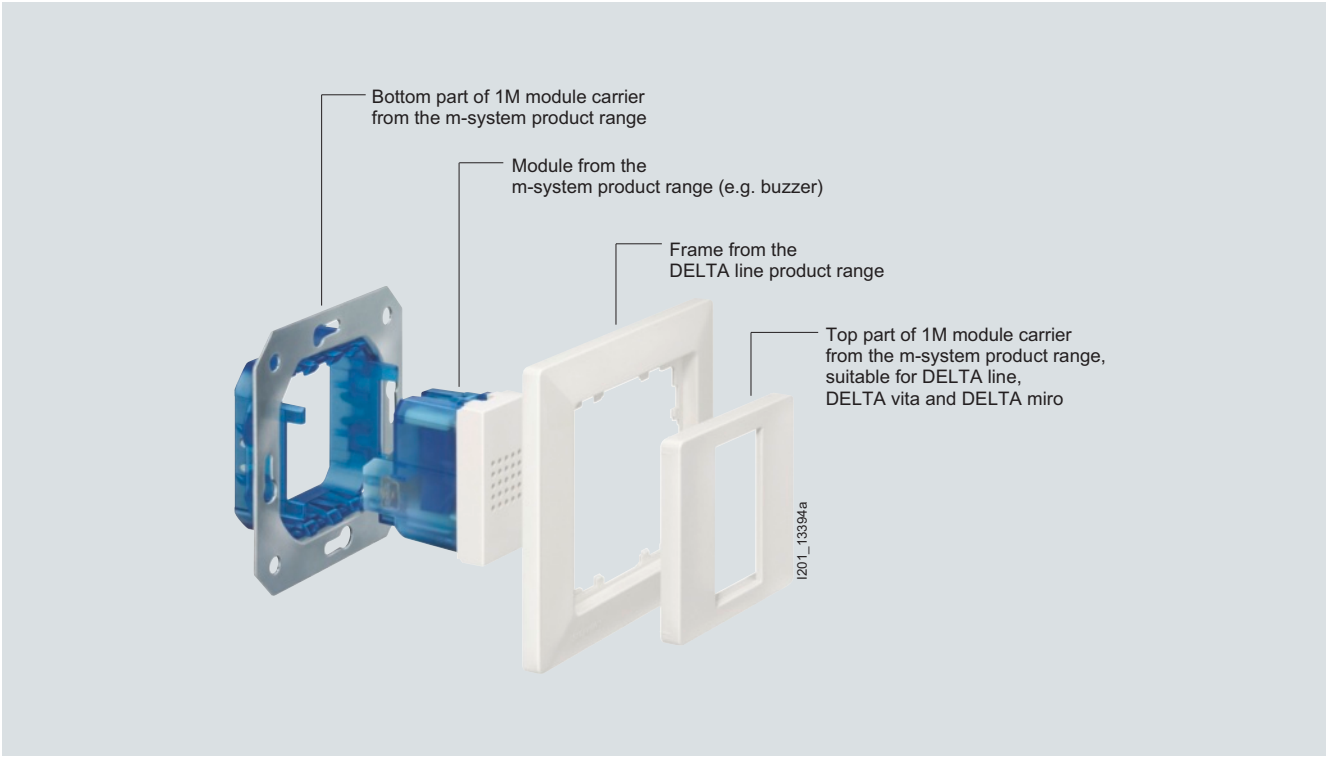
DELTA style


Titanium white

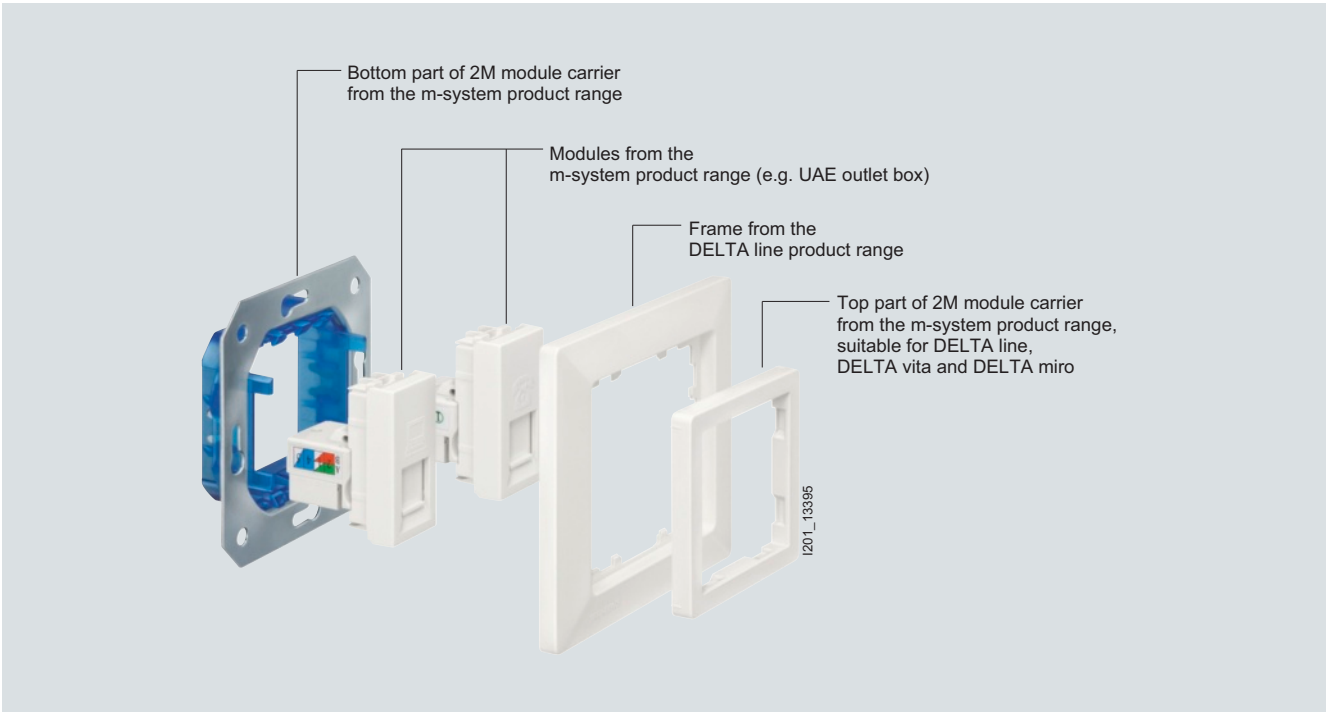

Platinum metallic

© Siemens AG 2011

Technical design of the m-system with DELTA line as example



Modular components of m-system (one module) with, for example, DELTA line

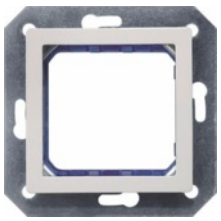


Modular components of m-system (two modules) with, for example, DELTA line

© Siemens AG 2011

Module carriers for DELTA line, DELTA vita and DELTA miro

Selection and ordering data

	Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG2 008	**Module carriers, 1M** • For holding one m-system module • For screw fixing								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG2 008**		1	1/20 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG2 094**		1	1 unit	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG2 096**		1	1 unit	021
	Note	Section	Page (ff.)						
	For module inserts, see ...	*Design / m-system / Modules for communication*	8/6						
		Design / m-system / Other modules	8/7						
 5TG2 010	**Module carriers, 2M** • For holding two m-system modules • For screw fixing								
	Versions								
	• Titanium white (similar to RAL 9010)			A	**5TG2 010**		1	1/20 units	021
	• Aluminum metallic (similar to RAL 9006)			A	**5TG2 095**		1	1 unit	021
	• Carbon metallic (similar to RAL 7016)			A	**5TG2 097**		1	1 unit	021
	Note	Section	Page (ff.)						
	For module inserts, see ...	*Design / m-system / Modules for communication*	8/6						
		Design / m-system / Other modules	8/7						

8

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Module carriers for DELTA profil

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Module carriers, 1M • For holding one m-system module • For screw fixing						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG1 911**		1	1/20 units	021
• Silver (similar to RAL 9006)	A	**5TG1 890**		1	1 unit	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG1 855**		1	1 unit	021
Note / Section / Page (ff.)						
For module inserts, see ... — *Design / m-system / Modules for communication* — 8/6						
Design / m-system / Other modules — 8/7						



5TG1 911

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Module carriers, 2M • For holding two m-system modules • For screw fixing						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG1 912**		1	1/20 units	021
• Silver (similar to RAL 9006)	A	**5TG1 891**		1	1 unit	021
• Anthracite (similar to RAL 7016) Discontinued model	A	**5TG1 856**		1	1 unit	021
Note / Section / Page (ff.)						
For module inserts, see ... — *Design / m-system / Modules for communication* — 8/6						
Design / m-system / Other modules — 8/7						



5TG1 912

Module carriers for DELTA style

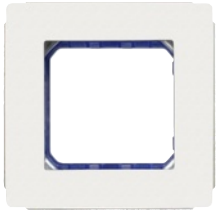
Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Module carriers, 1M • For holding one m-system module • For screw fixing • Including intermediate frame						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG1 391**		1	1/20 units	021
• Platinum metallic (similar to RAL 9007)	A	**5TG1 391-1**		1	1/20 units	021
Note / Section / Page						
For module inserts, see ... — *Design / m-system / Modules for communication* — 8/6						
Design / m-system / Other modules — 8/7						



5TG1 391

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Module carriers, 2M • For holding two m-system modules • For screw fixing • Including intermediate frame						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG1 392**		1	1/20 units	021
• Platinum metallic (similar to RAL 9007)	A	**5TG1 392-1**		1	1/20 units	021
Note / Section / Page						
For module inserts, see ... — *Design / m-system / Modules for communication* — 8/6						
Design / m-system / Other modules — 8/7						



5TG1 392

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Modules for communication

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information						
	Note						
	All the modules shown here can be combined with the module carriers of the DELTA line, DELTA vita, DELTA miro, DELTA profil product ranges.						
 5TG9 874-1TW	**UAE outlet boxes, Cat.3** • Telephone socket outlet for modular system • Cat.3 RJ11/12 with shutter • LSA connection method • Can only be used with module carrier, 1M or 2M						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG9 874-1TW**		1	1/60 units	021
	• Aluminum metallic/silver (similar to RAL 9006)	A	**5TG9 874-1AM**		1	1 unit	021
	• Carbon metallic/anthracite (similar to RAL 7016)	A	**5TG9 874-1CM**		1	1 unit	021
	Note / Section / Page						
	• For module carriers for DELTA line, DELTA vita and DELTA miro, see ... *Design / m-system / Module carriers for DELTA line, DELTA vita and DELTA miro* 8/4						
	• Module carriers for DELTA profil, see ... *Design / m-system / Module carriers for DELTA profil* 8/5						
	• For module carriers for DELTA style, see ... *Design / m-system / Module carriers for DELTA style* 8/5						
 5TG9 874-2TW	**UAE outlet boxes, Cat.5** • PC socket outlet for modular system • Cat.5 RJ45 with shutter • LSA connection method • Can only be used with module carrier, 1M or 2M						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG9 874-2TW**		1	1/60 units	021
	• Aluminum metallic/silver (similar to RAL 9006)	A	**5TG9 874-2AM**		1	1 unit	021
	• Carbon metallic/anthracite (similar to RAL 7016)	A	**5TG9 874-2CM**		1	1 unit	021
	Note / Section / Page						
	• For module carriers for DELTA line, DELTA vita and DELTA miro, see ... *Design / m-system / Module carriers for DELTA line, DELTA vita and DELTA miro* 8/4						
	• Module carriers for DELTA profil, see ... *Design / m-system / Module carriers for DELTA profil* 8/5						
	• For module carriers for DELTA style, see ... *Design / m-system / Module carriers for DELTA style* 8/5						

8

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information						
Note						
All the modules shown here can be combined with the module carriers of the DELTA line, DELTA vita, DELTA miro, DELTA profil product ranges.						
Buzzers • 230 V, 50/60 Hz, 80 dB(A) • Adjustable volume • 100 % duty ratio • screw terminals • Can only be used with module carrier, 1M or 2M						
Versions						
• Titanium white (similar to RAL 9010)	A	**5TG9 875-8TW**		1	1/35 units	021
• Aluminum metallic/silver (similar to RAL 9006)	A	**5TG9 875-8AM**		1	1/35 units	021
• Carbon metallic/anthracite (similar to RAL 7016)	A	**5TG9 875-8CM**		1	1/35 units	021
• Platinum metallic (similar to RAL 9007)	A	**5TG9 875-8PM**		1	1/35 units	021



5TG9 875-8TW

Note	Section	Page
• For module carriers for DELTA line, DELTA vita and DELTA miro, see ...	*Design / m-system / Module carriers for DELTA line, DELTA vita and DELTA miro*	8/4
• Module carriers for DELTA profil, see ...	*Design / m-system / Module carriers for the DELTA profil*	8/5
• For module carriers for DELTA style, see ...	*Design / m-system / Module carriers for DELTA style*	8/5

LED light signals • Supply voltage 90 ... 240 V AC, 50/60 Hz • Power consumption: 1 W • Can be fitted horizontally or vertically • Opaque-white						
Versions						
• White, illuminated	A	**5TG9 880-3**		1	1 unit	021
• Blue, illuminated	A	**5TG9 880-4**		1	1 unit	021
• Red, illuminated	A	**5TG9 880-5**		1	1 unit	021
• Green, illuminated	A	**5TG9 880-6**		1	1 unit	021



5TG9 880-3

Note	Section	Page
• For module carriers for DELTA line, DELTA vita and DELTA miro, see ...	*Design / m-system / Module carriers for DELTA line, DELTA vita and DELTA miro*	8/4
• Module carriers for DELTA profil, see ...	*Design / m-system / Module carriers for the DELTA profil*	8/5
• For module carriers for DELTA style, see ...	*Design / m-system / Module carriers for DELTA style*	8/5
• For Technical specifications, see ...	*Technical Information / m-system / LED light signals*	19/67

8

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Notes

© Siemens AG 2011

Surface-Mounting Product Ranges

9



9/2 **Introduction**

DELTA area 20
9/3 Introduction
9/3 Switches and pushbuttons
9/8 Socket outlets
9/9 Shutter/blind controls
9/9 Accessories and spare parts

DELTA fläche IP44
9/10 Introduction
9/12 Switches and pushbuttons
9/17 Socket outlets
9/20 Combinations of switch/pushbutton and socket outlet
9/22 Shutter/blind controls
9/23 GAMMA *instabus*
9/24 Accessories and spare parts

DELTA fläche IP68
9/26 Plug-and-socket devices

© Siemens AG 2011

Introduction

Overview

Colors and designs of the surface-mounting product ranges

DELTA area 20



Two-circuit switches



Pushbuttons with window



Pushbuttons with Up/Down symbols

DELTA fläche IP44



Two-circuit switches

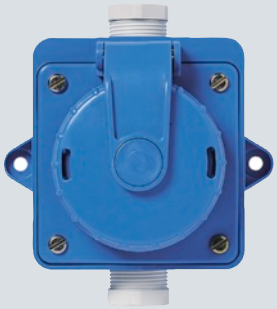


Switches with pilot lamp and window



SCHUKO socket outlets

DELTA fläche IP68



SCHUKO socket outlets with lid

© Siemens AG 2011

Overview

Clean cut

No more cap breakages when opening the four optional cable entries: this is because they are cut and not broken – the cap wall can be cut because the material (thermoplastic) is sufficiently thin.

Quick assembly

The cover has a timesaving snap-on lock, which can be secured with a screw if required.

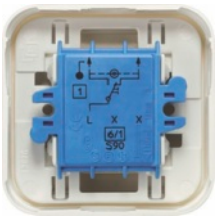
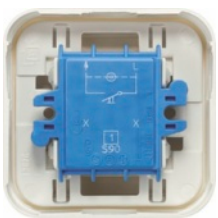
Simple connection

The large distance between insert and cover, due to the small base, facilitates cable routing and connection.

The pilot/orientation light is also simple to retrofit.

A topographical wiring diagram can be found on the bottom of the base.

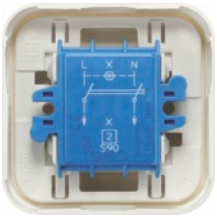
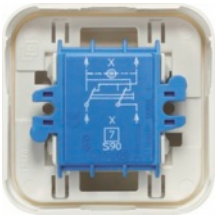
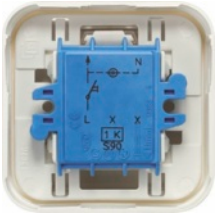
Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • 16 A, 250 V AC • Size of switches and pushbuttons: 65 mm x 65 mm x 30 mm • Degree of protection: IP20 • Plug-in connection terminal • Color: Titanium white (similar to RAL 9010)						
 5TA3 256 (front view)	**Two-way switches**	A	**5TA3 256**		1	1/10 units	021
 5TA3 256 (back)							
 5TA3 251 (front view)	**ON/OFF switches, 1-pole**	A	**5TA3 251**		1	1/10 units	021
 5TA3 251 (back)							

* You can order this quantity or a multiple thereof.

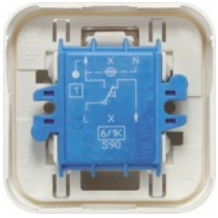
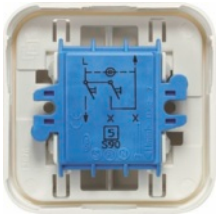
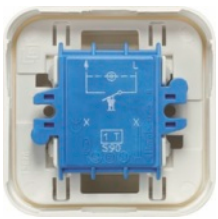
© Siemens AG 2011

Switches and pushbuttons

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA3 252 (front view)  5TA3 252 (back)	**ON/OFF switches, 2-pole, with I/O symbols**	A	**5TA3 252**		1	1/10 units	021
 5TA3 257 (front view)  5TA3 257 (back)	**Intermediate switches**	A	**5TA3 257**		1	1/10 units	021
 5TA3 250 (front view)  5TA3 250 (back)	**Switches with pilot lamp for ON/OFF switching, with window** With glow lamp	A	**5TA3 250**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

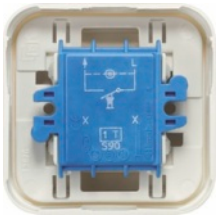
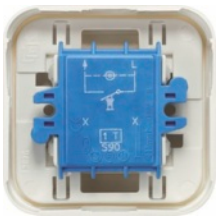
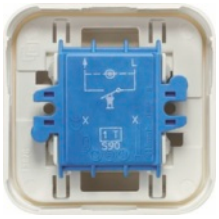
	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA3 258 (front view)  5TA3 258 (back)	**Switches with pilot lamp for two-way switching, with window** With glow lamp	A	**5TA3 258**		1	1/10 units	021
 5TA3 255 (front view)  5TA3 255 (back)	**Two-circuit switches**	A	**5TA3 255**		1	1/10 units	021
 5TD3 251 (front view)  5TD3 251 (back)	**Pushbuttons with window** Without glow lamp	A	**5TD3 251**		1	1/10 units	021

9

* You can order this quantity or a multiple thereof.

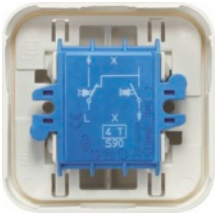
© Siemens AG 2011

Switches and pushbuttons

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TD3 252 (front view)  5TD3 252 (back)	**Pushbuttons with "Light" symbol**	A	**5TD3 252**		1	1/10 units	021
 5TD3 253 (front view)  5TD3 253 (back)	**Pushbuttons with "Bell" symbol**	A	**5TD3 253**		1	1/10 units	021
 5TD3 254 (front view)  5TD3 254 (back)	**Pushbuttons with "Door Opener" symbol**	A	**5TD3 254**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TD3 255 (front view)  5TD3 255 (back)	**Pushbuttons with Up/Down symbols**	A	**5TD3 255**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Socket outlets

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • 16 A, 250 V AC • Color: Titanium white (similar to RAL 9010)						
 5UB3 251	**SCHUKO® socket outlets, single** • 65 × 65 mm • Height 42 mm • Screw terminals	A	**5UB3 251**		1	1/10 units	021
 5UB3 252	**SCHUKO® socket outlets, double** • 65 × 95 mm • Height 42 mm • Screwless terminals (plug-in terminal)	A	**5UB3 252**		1	1/5 units	021
 5UB3 254	**SCHUKO® socket outlets, quadruple, with increased touch protection** • 112 × 98 mm • Height 42 mm	A	**5UB3 254**		1	1/3 units	021
 5UB3 510	**SCHUKO® socket outlets, triple** • 10 A, 250 V AC • Color: Electrical white (RAL 1013) • 140 mm x 60 mm • Height 47 mm • Screw terminals Note Not in the DELTA area 20 design.	A	**5UB3 510**		1	1/5 units	021

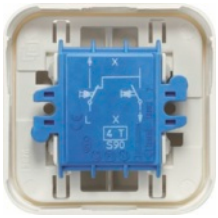
9

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

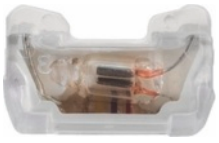
Shutter/blind controls

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TD3 255 (front view)	**Pushbuttons with Up/Down symbols**	A	**5TD3 255**		1	1/10 units	021
 5TD3 255 (back)							

Accessories and spare parts

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories							
 5TG4 231	**Base plates, flame-resistant** For mounting on e.g. wood						
	Versions						
	• For switches and pushbuttons	A	**5TG4 251**		1	1/10 units	021
	• For SCHUKO® socket outlets, single (5UB3 251)	A	**5TG4 252**		1	1/10 units	021
	• For SCHUKO® socket outlets, double (5UB3 252)	A	**5TG4 253**		1	1/10 units	021
	• For SCHUKO® socket outlets, triple (5UB3 510)	A	**5TG4 240**		1	1/50 units	021
Spare parts							
 5TG4 250	**Glow lamps** • 250 V AC, 0.7 mA • For switches with pilot lamp • For pushbuttons with window	A	**5TG4 250**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Introduction

Overview



Light signals



SCHUKO® socket outlets



Two-circuit switches

Garages, laundry rooms, laboratories and workshops are often exposed to a lot of heavy-duty activity, which includes the odd splash here and there. This means that it's essential to ensure that the electrical installation gets the right degree of protection. That's when you need the splash-proof, surface-mounting DELTA fläche IP44 product range with the large operator interface that takes rough treatment in its stride.

DELTA fläche IP44 – keeping electrical installations "high and dry".

Attractive design

Generous switch rockers, contrasting switch plates, useful combinations: the DELTA product range has an extremely attractive design. This was also confirmed by the jury for the special exhibition "Die gute Industrieform".

Increased safety

The switch enclosures are made of durable, high-impact molded plastic, which is also able to withstand high mechanical loads.

The terminals are insulated against voltage contact. Molded-plastic pressure plates serve to release the conductor. All the edges of the inserts are rounded off – thus preventing damage to the conductor insulation.

SCHUKO® socket outlets are fitted with hinged lids to prevent moisture entering. The socket outlet inserts are equipped with connecting terminals according to DIN VDE 0620, which have proven themselves in the field for many years.

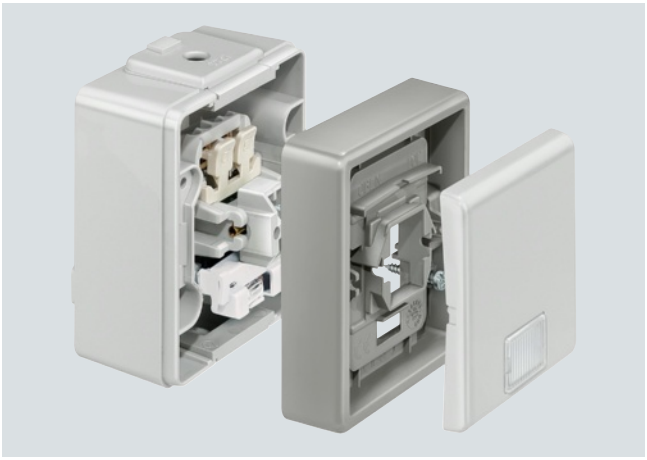
Simple operation

Easy-to-use flat rockers – now available in the splash-proof DELTA fläche product range.

- Durable, high-impact thermoplastic enclosure.
- Screwless terminals for switch and socket outlet inserts.
- Insulated reset levers ensure touch protection.
- Easy conductor releases at a press of a button, no tools required.

All terminals are double terminals.

© Siemens AG 2011









Simple installation

The DELTA fläche product range has been thought through down to the very last detail: the cover on the SCHUKO® socket outlet and the switch and pushbutton are screwed to the base with two rustproof screws. At the back of the switches, pushbuttons and socket outlets are two diagonal 4.5 mm drill holes for slot mounting. Slide nipples facilitate cable entry. All switches and pushbuttons can be equipped with glow lamps in three brightness levels. Multiple combinations of SCHUKO® socket outlets are supplied fully wired. We continue to produce combined device applications for SCHUKO® switches and socket outlets.

A full product range for two-way switches, switches with pilot lamp, pushbuttons, light signals, SCHUKO® socket outlets, and combined double and triple device applications is provided.

DIN VDE and DIN-compliant technology

The switches and pushbuttons in the splash-proof DELTA fläche range are built to DIN VDE 0632 and DIN 49200, while the socket outlets are built to DIN VDE 0620 and DIN 49440, and carry the VDE mark. The devices offer degree of protection IP44 and are splash-proof. The switches and pushbuttons can be used with up to 10 A and 250 V AC, and the SCHUKO® socket outlets with 16 A, 250 V AC and 10 A, 250 V DC.

© Siemens AG 2011

Switches and pushbuttons

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • IP44 splash-proof • 10 A, 250 V AC according to DIN 49200 • Enclosures made of high-impact molded plastic • Contact material: cadmium and nickel-free • Size of cover: 75 mm x 66 mm x 54 mm • Mounting holes: 4,5 mm Ø • Cable entry: slide nipples for cables with 8 ... 13.5 mm Ø • Special versions on request • Colors: - Similar to RAL 7035 (enclosure base parts and rockers) - Similar to RAL 7042 (between enclosure base parts and rockers)						
 5TA4 706	**Universal switches** For ON/OFF and two-way switching	A	**5TA4 706**		1	1/10 units	021
 5TA4 707	**Intermediate switches**	A	**5TA4 707**		1	1/10 units	021
 5TA4 701	**ON/OFF switches, 1-pole**	A	**5TA4 701**		1	1/10 units	021
 5TA4 700	**Switches with pilot lamp for ON/OFF switching, with window** With pilot lamp	A	**5TA4 700**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA4 710	**Switches with pilot lamp for two-way switching, with window** With pilot lamp	A	**5TA4 710**		1	1/10 units	021
 5TA4 741	**Heating emergency switches with window, 1-pole** • With pilot lamp • According to DIN VDE 0116/3.79 • Two cables for wet/damp areas can be fed into the enclosure from underneath	A	**5TA4 741**		1	1/10 units	021
 5TA4 742	**Heating emergency switches with window, 2-pole** • With pilot lamp • According to DIN VDE 0116/3.79 • Two cables for wet/damp areas can be fed into the enclosure from underneath	A	**5TA4 742**		1	1/10 units	021
 5TA4 726	**Two-way switches, with window and labeling field** With orientation light Note Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool	A	**5TA4 726**		1	1/10 units	021
 5TA4 702	**ON/OFF switches, with I/O symbols, 2-pole** • 10 A, 250 V AC • Two cables for wet/damp areas can be fed into the enclosure from underneath	A	**5TA4 702**		1	1/10 units	021

9

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switches and pushbuttons

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA4 753	**ON/OFF switches, with I/O symbols, 3-pole** 16 A, 400 V AC	A	**5TA4 753**		1	1/10 units	021
 5TT1 201	**Timers with "Time" symbol and window** • 1 ... 6 min • Electronic • Incandescent lamp rating up to 200 W, 230 V AC, 40 – 60 Hz • With orientation light	B	**5TT1 201**		1	1 unit	027
 5TA4 705	**Two-circuit switches**	A	**5TA4 705**		1	1/10 units	021
 5TA4 708	**Double two-way switches, double**	A	**5TA4 708**		1	1/10 units	021
 5TD4 707	**Pushbuttons, 1 CO contact** Can also be used as NC contact	A	**5TD4 707**		1	1/10 units	021

9

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TD4 701	**Pushbuttons, 1 NO contact, with window** • With window set (comprising one window each with 1 "Light" symbol, 1 "Bell" symbol and 1 "Door Opener" symbol respectively, plus 1 neutral window) • Without glow lamp	A	**5TD4 701**		1	1/10 units	021
 5TD4 706	**Pushbuttons with separate check-back indication, with window** With 5TG7 332 glow lamp	A	**5TD4 706**		1	1/10 units	021
 5TD4 780	**Light signals** • With glow lamp 250 V AC • 75 mm x 66 mm x 54 mm	A	**5TD4 780**		1	1/10 units	021
 5TA4 711	**ON/OFF switches, comply with workplace regulations** • Supplied with clear windows • Neutral and with "Light" symbol • Incl. 5TG7 332 glow lamp	A	**5TA4 711**		1	1/10 units	021
 5TA4 716	**Two-way switches, comply with workplace regulations** • Supplied with clear windows • Neutral and with "Light" symbol • Incl. 5TG7 332 glow lamp	A	**5TA4 716**		1	1/10 units	021

9

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switches and pushbuttons

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TD4 705	**Pushbuttons, comply with workplace regulations** • Supplied with clear windows • Neutral and with "Light" symbol • Incl. 5TG7 332 glow lamp • 1-pole (NO contact)	A	**5TD4 705**		1	1/10 units	021
 5TA7 650	**Shutter/blind key-operated switches with "Key" symbol** • With hinged lid • With Up/Down symbols under the hinged lid • 1-pole • With two keys • Identical key type (different locking systems on request) • With screw terminals						
	Versions						
	• Momentary-contact and maintained-contact position to left and right	A	**5TA7 650**		1	1 unit	021
	• Momentary-contact position to left and right	A	**5TA7 651**		1	1 unit	021
	Note: For Technical Specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches* — Page: 19/48						
 5TD4 708	**Shutter/blind pushbuttons, with electrical interlock, with Up/Down symbols** • Screwless terminals • Terminal assignment same as for 5TA2 114 flush-mounting insert	A	**5TD4 708**		1	1/10 units	021
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock* — Page: 19/47						
 5TB6 231	**Heating emergency switches, 3-pole** • With pilot lamp • 25 A, 400 V AC • 80 mm x 64 mm x 60 mm	A	**5TB6 231**		1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • IP44 splash-proof • 16 A, 250 V AC; 10 A, 250 V DC • Complies with DIN 49440 • The terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm^2 • Enclosures made of high-impact molded plastic • Mounting holes: 4,5 mm Ø • Cable entry: slide nipples for cables with 8 ... 13.5 mm Ø • With hinged lid • With screwless terminals • Special versions on request • Colors: - Similar to RAL 7035 (enclosure base parts and hinged lid) - Similar to RAL 7042 (between enclosure base parts and hinged lid)						
 5UB4 711	**SCHUKO® socket outlets, single** Size of cover: 75 mm x 66 mm x 54 mm	A	**5UB4 711**		1	1/10 units	021
 5UB4 717	**SCHUKO® socket outlets, single, with increased touch protection** NEW Size of cover: 75 mm x 66 mm x 54 mm	A	**5UB4 717**		1	1/10 units	021
 5UB4 713	**SCHUKO® socket outlets, single, with labeling field** Size of cover: 75 mm x 66 mm x 54 mm Note Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool	A	**5UB4 713**		1	1/10 units	021
 5UB4 718	**SCHUKO® socket outlets, single, with labeling field and increased touch protection** NEW Size of cover: 75 mm x 66 mm x 54 mm Note Our free labeling tool can help you create individual labels. Download at: www.siemens.com/labeling-tool	X	**5UB4 718**		1	1 unit	021

9

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Socket outlets

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB4 723	**SCHUKO® socket outlets, double, for vertical installation** • Size of cover: 151 mm x 66 mm x 54 mm • SCHUKO® socket outlet with labeling field on request • Pre-wired	A	**5UB4 723**		1	1/5 units	021
 5UB4 724	**SCHUKO® socket outlets, double, for vertical installation, with increased touch protection** NEW • Size of cover: 151 mm x 66 mm x 54 mm • SCHUKO® socket outlet with labeling field on request • Pre-wired	A	**5UB4 724**		1	1 unit	021
 5UB4 722	**SCHUKO® socket outlets, double, for horizontal installation** • Size of cover: 75 mm x 134 mm x 54 mm • SCHUKO® socket outlet with labeling field on request • Pre-wired	A	**5UB4 722**		1	1/5 units	021
 5UB4 725	**SCHUKO® socket outlets, double, for horizontal installation, with increased touch protection** NEW • Size of cover: 75 mm x 134 mm x 54 mm • SCHUKO® socket outlet with labeling field on request • Pre-wired	A	**5UB4 725**		1	1 unit	021
 5UB4 731	**SCHUKO® socket outlets, triple, for horizontal installation** • Size of cover: 75 mm x 201 mm x 54 mm • SCHUKO® socket outlet with labeling field on request • Pre-wired	A	**5UB4 731**		1	1 unit	021
 5UB4 732	**SCHUKO® socket outlets, triple, for horizontal installation, with increased touch protection** NEW • Size of cover: 75 mm x 201 mm x 54 mm • SCHUKO® socket outlet with labeling field on request • Pre-wired	X	**5UB4 732**		1	1 unit	021
 5UB4 714	**SCHUKO® socket outlets, lockable** • Size of cover: 75 mm x 66 mm x 66 mm • With two keys						
	Versions						
	• Identical key type (sorted)	A	**5UB4 714**		1	1 unit	021
	• Close differently with a max. of 180 different locks	A	**5UB4 715**		1	1 unit	021
 5UB4 705	**SCHUKO® socket outlets, lockable, with increased touch protection** NEW • Size of cover: 75 mm x 66 mm x 66 mm • With two keys • Identical key type (sorted)	X	**5UB4 705**		1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5UB4 716	**SCHUKO® socket outlets, lockable, double pack** • Two lockable SCHUKO® socket outlets • With two identical safety locks • With two keys each • In pairs, up to 180 different locking options (not sorted) • For use with washing machines and spin driers • Size of cover: 75 mm x 66 mm x 66 mm	A	**5UB4 716**		1	1 unit	021
 5UB4 741	**Socket outlets with grounding pin** • Size of cover: 75 mm x 66 mm x 54 mm • 2-pole according to CEE7 • Screw terminals	A	**5UB4 741**		1	1/10 units	021

9

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Combinations of switch/pushbutton and socket outlet

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • IP44 splash-proof • Socket outlets:16 A, 250 V AC; 10 A, 250 V DC • Complies with DIN 49440 • Switches: 10 A, 250 V AC • The terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm^2 • Enclosures made of high-impact molded plastic • Mounting holes: 4,5 mm Ø • Cable entry: slide nipples for cables with 8 ... 13.5 mm Ø • With screwless terminals • SCHUKO® socket outlets with hinged lid • For vertical mounting • 151 mm x 66 mm x 54 mm • Colors: - Similar to RAL 7035 (enclosure base parts and rockers/hinged lid) - Similar to RAL 7042 (between enclosure base parts and rockers/hinged lid)						
 5TA4 816	**Combination of two-way switch and SCHUKO® socket outlet**	A	**5TA4 816**		1	1/5 units	021
 5TA4 826	**Combination of two-way switch and SCHUKO® socket outlet, with increased touch protection** NEW	A	**5TA4 826**		1	1 unit	021
 5TA4 815	**Combination of two-circuit switch and SCHUKO® socket outlet**	A	**5TA4 815**		1	1/5 units	021
 5TA4 825	**Combination of two-circuit switch and SCHUKO® socket outlet, with increased touch protection** NEW	X	**5TA4 825**		1	1 unit	021
 5TD4 811	**Combination of pushbutton and SCHUKO® socket outlet**	A	**5TD4 811**		1	1/5 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TD4 821	**Combination of pushbutton and SCHUKO® socket outlet, with increased touch protection** NEW	X	**5TD4 821**		1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Shutter/blind controls

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • IP44 splash-proof • 10 A, 250 V AC according to DIN 49200 • Enclosures made of high-impact molded plastic • Size of cover: 75 mm x 66 mm x 54 mm • Mounting holes: 4,5 mm Ø • Cable entry: Slide nipples for cables from 8 ... 13.5 mm Ø • Colors: - Similar to RAL 7035 (enclosure base parts and rockers/hinged lid) - Similar to RAL 7042 (between enclosure base parts and rockers/hinged lid)						
 5TA7 650 **Shutter/blind key-operated switches with "Key" symbol** • With hinged lid • With Up/Down symbols under the hinged lid • 1-pole • With two keys • Identical key type (different locking systems on request) • With screw terminals Versions • Momentary-contact and maintained-contact position to left and right • Momentary-contact position to left and right	A A	**5TA7 650** **5TA7 651**		1 1	1 unit 1 unit	021 021
Note: For Technical Specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches* — Page: 19/48						
 5TD4 708 **Shutter/blind pushbuttons, with electrical interlock, with Up/Down symbols** • Screwless terminals • Terminal assignment same as for 5TA2 114 flush-mounting insert	A	**5TD4 708**		1	1/10 units	021
Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock* — Page: 19/47						

9

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • IP44 splash-proof • 10 A, 250 V AC acc. to DIN 49200 • Enclosures made of high-impact molded plastic • Contact material: cadmium and nickel-free • Size of cover: 75 mm x 66 mm x 54 mm • Mounting holes: 4,5 mm Ø • Cable entry: Slide nipples for cables from 8 ... 13.5 mm Ø • Special versions on request • Colors: - Similar to RAL 7035 (enclosure base parts and rockers) - Similar to RAL 7042 (between enclosure base parts and rockers)						
 5WG1 115-3AB01	**AP 115 pushbuttons with window** • IP44 degree of protection • With integrated bus coupling unit • The integrated LED can be used for status indication or orientation lighting • The LEDs are bus-powered • Pushbutton position	A	**5WG1 115-3AB21**		1	1 unit	022
 5WG1 115-3AB11	**AP 115 pushbuttons, double** • IP44 degree of protection • With integrated bus coupling unit						
	Versions						
	• Center position	X	**5WG1 115-3AB11**		1	1 unit	022
	• Pushbutton position	A	**5WG1 115-3AB31**		1	1 unit	022

9

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Accessories and spare parts

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories							
 5TG4 205	**Connecting elements** For coupling of stand-alone devices	A	**5TG4 205**		1	1/10 units	021
 5TG4 204	**Slide nipples, without hole**	A	**5TG4 204**		1	1/10 units	021
 5TG4 212	**Channel entry glands** For channels 15 mm x 15 mm and 17 mm x 17 mm	A	**5TG4 212**		1	1/10 units	021
 5TG7 315	**LED light inserts, for switch and pushbutton inserts** For all rockers with windows						
	Fluorescent color / Rated voltage / Power consumption in mA						
	• Red / 1.5 V DC / 2	A	**5TG7 318**		1	1/10 units	021
	8 V AC / 2	A	**5TG7 315**		1	1/10 units	021
	12 V AC / 2	A	**5TG7 316**		1	1/10 units	021
	24 V AC / 2	A	**5TG7 317**		1	1/10 units	021
	230 V AC / 1	A	**5TG7 353**		1	1/10 units	021
	• Orange						
	- Normal / 230 V AC / 0.9	A	**5TG7 333**		1	1/10 units	021
	- Strong / 230 V AC / 1.0	A	**5TG7 343**		1	1/10 units	021
	• White / 230 V AC / 1.1	A	**5TG7 354**		1	1/10 units	021
	• Blue / 230 V AC / 1.1	A	**5TG7 355**		1	1/10 units	021
	Note • The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already. • If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.						
 5TG7 321	**Glow lamps for switch and pushbutton inserts** • Protected against contact • 230 V AC • Reduced luminosity • Power consumption 0.18 mA • Base color: white	A	**5TG7 321**		1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Spare parts							
	Spare windows for light signals						
	Versions						
 5TG4 206	• Red	A	**5TG4 206**		1	1/10 units	021
 5TG4 208	• Green	A	**5TG4 208**		1	1/10 units	021
 5TG4 207	• White	A	**5TG4 207**		1	1/10 units	021
 5TG4 210	• Yellow	A	**5TG4 210**		1	1/10 units	021
 5TG7 301	**Spare glow lamps for light signals** 250 V AC	A	**5TG7 301**		1	1/10 units	021
 5TG4 200	**Spare window sets for light signals and for switch and pushbutton inserts** One set contains 2 x red, 2 x clear and 2 x white	A	**5TG4 200**		1	1/10 sets	021

9

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Plug-and-socket devices

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • Degree of protection: IP68 (pressure-water-tight) • 16 A, 250 V AC, 10 A, 250 V DC • The terminals are connecting terminals for conductors up to 2.5 mm^2 • Enclosures made of PBT, high-impact • Screw terminals • Lid and cover with screw plug						
 5UB4 686	**SCHUKO® wall socket outlets with lid** • Enclosure size: 105 mm x 87 mm x 68 mm • Mounting holes: 5.5 mm Ø • Pg 22 cable entry on both sides for cables from 8 to 13.5 mm	A	**5UB4 686**		1	1 unit	021
 5UH1 150	**SCHUKO® plugs with cover**	A	**5UH1 150**		1	1/5 units	021

9

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Switching/Pushbutton Control/ Dimming

10



10/2 **Introduction**

10/3 **Inserts**

10/18 **Complete assemblies**

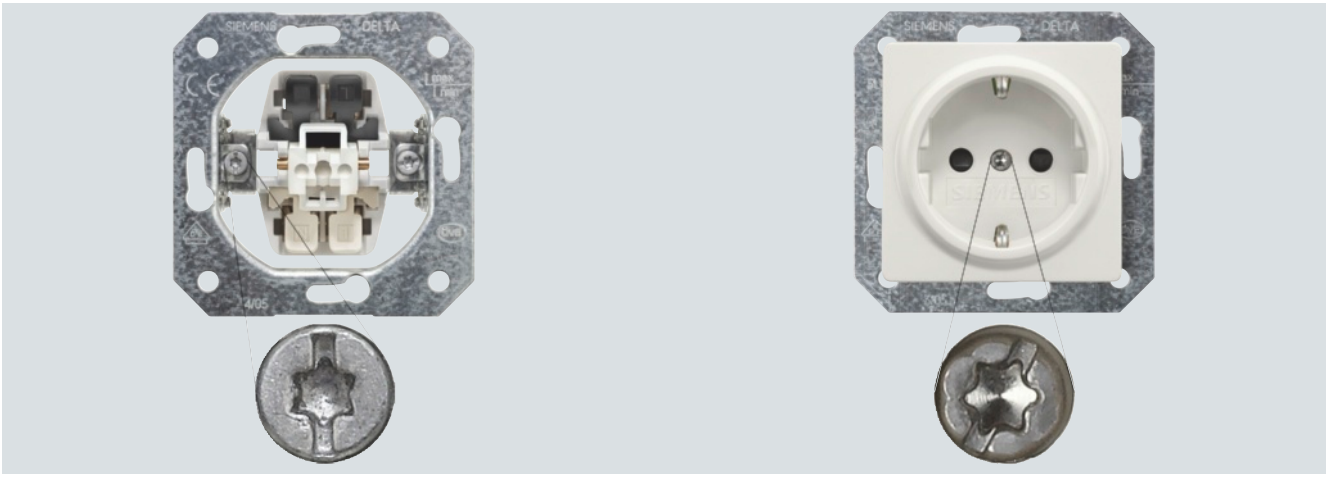
10/19 **Accessories and spare parts**

© Siemens AG 2011

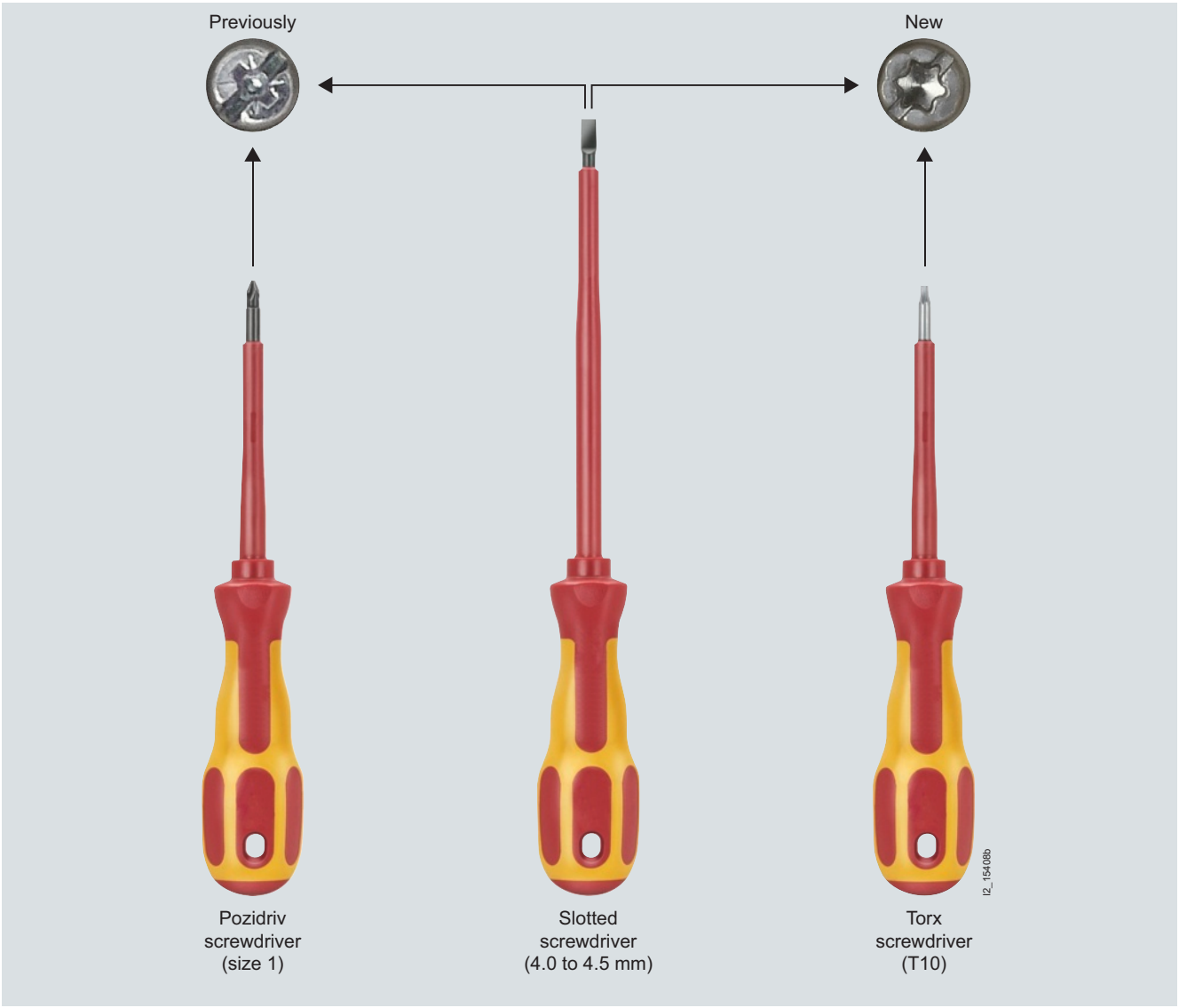
Introduction

Overview

Combination screws for Torx T10 and slotted screwdrivers



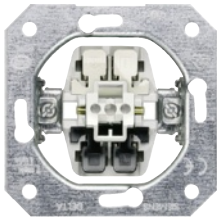
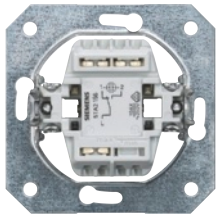
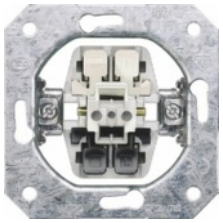
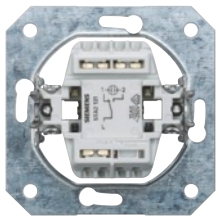
Since 11/2008, we have been successively equipping all our inserts for switches and pushbuttons, and all SCHUKO® socket outlets from the DELTA product range, with the new combination screws.



Use of different screwdrivers on the previously used and new combination screw.

© Siemens AG 2011

Selection and ordering data

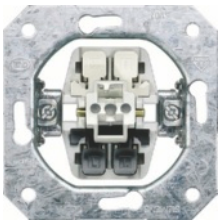
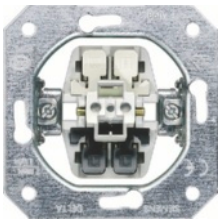
Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Inserts for switches						
General information • 10 AX; 250 V AC • Contact material: cadmium and nickel-free • Live parts covered by molded plastic						
Note / Section / Page						
• For extension claws, see ... *Accessories and spare parts* 10/19 • Maximum permissible lamp loads, see ... *Technical Information / Switches and Pushbuttons / Switches* 19/7						
 5TA2 156 (front view)  5TA2 156 (rear view) **Universal switches** For ON/OFF and two-way switching						
Versions						
• With claws	A	**5TA2 156**		1	1/10 units	021
• Without claws for hollow-wall mounting	C	**5TA2 156-0KK**		1	10 units	021
For tops see section / Page (ff.)						
• *Design / i-system / Switches and Pushbuttons* 1/6 • *Design / DELTA natur/Switches and Pushbuttons* 7/6 • *Design / DELTA profil/Switches and Pushbuttons* 5/8 • *Design / DELTA style/Switches and Pushbuttons* 6/6						
Note / Section / Page						
For Technical specifications, see ... *Technical Information / Switches and Pushbuttons / Universal switches* 19/7						
 5TA2 131 (front view)  5TA2 131 (rear view) **Universal switches, for school program** For ON/OFF and two-way switching	A	**5TA2 131**		1	1/10 units	021
For tops see section / Page (ff.)						
Design / i-system / School Program 1/40						

10

* You can order this quantity or a multiple thereof.

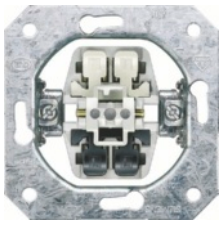
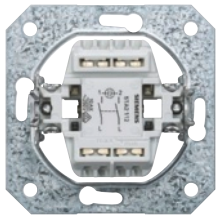
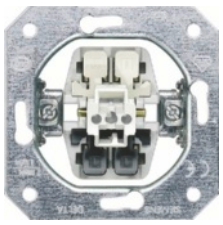
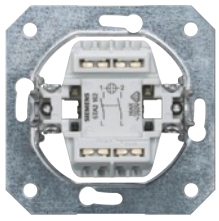
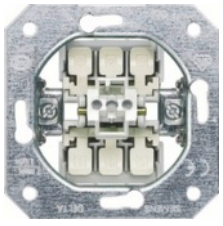
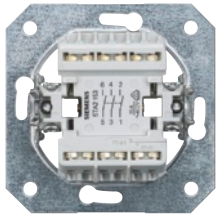
© Siemens AG 2011

Inserts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA2 117 (front view)  5TA2 117 (rear view)	**Intermediate switches** Versions • With claws • Without claws for hollow-wall mounting For tops see section — Page (ff.) • *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA natur/Switches and Pushbuttons* — 7/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6 Note — Section — Page For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / Intermediate switches* — 19/8	A C	**5TA2 117** **5TA2 117-0KK**		1 1	1/10 units 10 units	021 021
 5TA2 132 (front view)  5TA2 132 (rear view)	**Intermediate switches, for school program** For tops see section — Page (ff.) *Design / i-system / School Program* — 1/40	A	**5TA2 132**		1	1/10 units	021
 5TA2 151 (front view)  5TA2 151 (rear view)	**ON/OFF switches, 1-pole** Versions • With claws • Without claws for hollow-wall mounting For tops see section — Page (ff.) • *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA natur/Switches and Pushbuttons* — 7/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6 Note — Section — Page For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / ON/OFF switches, 1-pole* — 19/8	A C	**5TA2 151** **5TA2 151-0KK**		1 1	1/10 units 10 units	021 021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

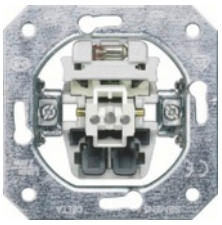
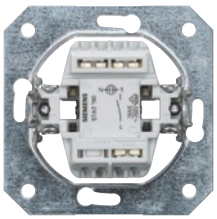
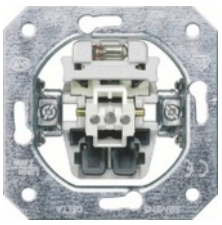
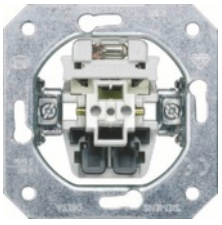
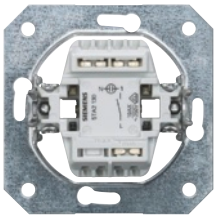
	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA2 112 (front view)  5TA2 112 (rear view)	**ON/OFF switches, 2-pole, 10 AX** 250 V AC Versions • With claws • Without claws for hollow-wall mounting For tops see section — Page (ff.) • *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6 Note — Section — Page For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / ON/OFF switches, 2-pole* — 19/8	 A C 	 **5TA2 112** **5TA2 112-0KK** 	 	 1 1 	 1/10 units 10 units 	 021 021
 5TA2 162 (front view)  5TA2 162 (rear view)	**ON/OFF switches, 2-pole, 16 AX** 250 V AC Versions • With claws • Without claws for hollow-wall mounting For tops see section — Page (ff.) • *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6 Note — Section — Page For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / ON/OFF switches, 2-pole* — 19/8	 A C 	 **5TA2 162** **5TA2 162-0KK** 	 	 1 1 	 1/10 units 10 units 	 021 021
 5TA2 153 (front view)  5TA2 153 (rear view)	**ON/OFF switches, 3-pole, 16 A** 400 V AC Versions • With claws • Without claws for hollow-wall mounting For tops see section — Page (ff.) • *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6	 A C 	 **5TA2 153** **5TA2 153-0KK** 	 	 1 1 	 1/10 units 10 units 	 021 021

10

* You can order this quantity or a multiple thereof.

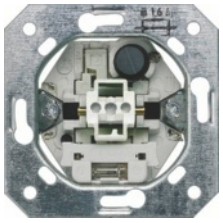
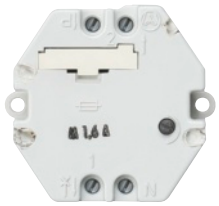
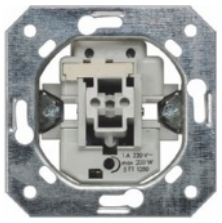
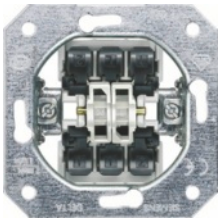
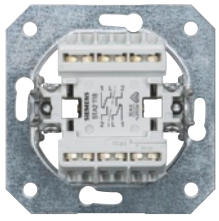
© Siemens AG 2011

Inserts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA2 150 (front view)  5TA2 150 (rear view)	**Switches with pilot lamp, for ON/OFF switching** With 5TG7 332 glow lamp (medium luminosity) Versions						
	• With claws	A	**5TA2 150**		1	1/10 units	021
	• Without claws for hollow-wall mounting	C	**5TA2 150-0KK**		1	10 units	021
	For tops see section — Page (ff.)						
	• *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA natur/Switches and Pushbuttons* — 7/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6						
	Note — Section — Page						
	For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / Switches with pilot lamp for ON/OFF switching* — 19/9						
 5TA2 108 (front view)  5TA2 108 (rear view)	**Switches with pilot lamp, for two-way switching** With 5TG7 332 glow lamp (medium luminosity) Versions						
	• With claws	A	**5TA2 108**		1	1/10 units	021
	• Without claws for hollow-wall mounting	C	**5TA2 108-0KK**		1	10 units	021
	For tops see section — Page (ff.)						
	• *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA natur/Switches and Pushbuttons* — 7/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6						
	Note — Section — Page						
	For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / Switches with pilot lamp for two-way switching* — 19/9						
 5TA2 130 (front view)  5TA2 130 (rear view)	**Switches with pilot lamp, for ON/OFF switching, for school program** With 5TG7 332 glow lamp (medium luminosity)	A	**5TA2 130**		1	1/10 units	021
	For tops see section — Page (ff.)						
	Design / i-system / School Program — 1/40						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

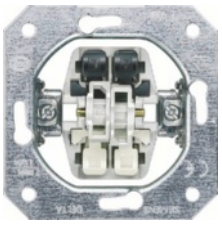
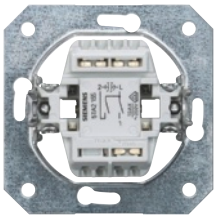
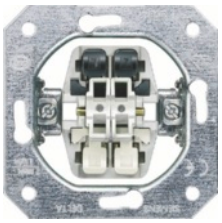
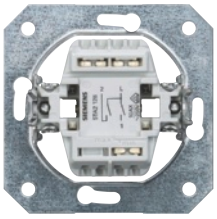
	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TT1 210	**Delay timers** • 0,5 ... 15 min adjustable • Electronic • With 5TG7 332 orientation light • Incandescent lamp rating to 1200 W, 230 V AC, 40 to 60 Hz • Ventilator 200 VA						
	Versions						
	• For installation in flush-mounting switch boxes	A	**5TT1 210**		1	1 unit	027
	• For installation in flush-mounting branching boxes	A	**5TT1 211**		1	1 unit	027
	For tops see section — Page (ff.)						
	• *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6						
	Note — Section — Page						
	For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / Delay timers* — 19/10						
 5TT1 211							
 5TT1 200	**Timers** • 1 ... 6 min adjustable • Electronic with momentary-contact function • With orientation light • Incandescent lamp rating 200 W, 230 V AC, 40 ... 60 Hz • Only suitable for incandescent lamps	A	**5TT1 200**		1	1 unit	027
	For tops see section — Page (ff.)						
	• *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6						
	Note — Section — Page						
	For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / Timers* — 19/11						
 5TA2 118 (front view)	**Double two-way switches**						
	Versions						
	• With claws	A	**5TA2 118**		1	1/10 units	021
	• Without claws for hollow-wall mounting	C	**5TA2 118-0KK**		1	10 units	021
	For tops see section — Page (ff.)						
	• *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA natur/Switches and Pushbuttons* — 7/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6						
	Note — Section — Page						
	For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / Double two-way switches* — 19/12						
 5TA2 118 (rear view)							

10

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Inserts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA2 155 (front view)	**Two-circuit switches**						
	Versions						
	• With claws	A	**5TA2 155**		1	1/10 units	021
	• Without claws for hollow-wall mounting	C	**5TA2 155-0KK**		1	10 units	021
	For tops see section — Page (ff.)						
	• *Design / i-system / Switches and Pushbuttons* — 1/6						
	• *Design / DELTA natur/Switches and Pushbuttons* — 7/6						
	• *Design / DELTA profil/Switches and Pushbuttons* — 5/8						
	• *Design / DELTA style/Switches and Pushbuttons* — 6/6						
	Note: For Technical specifications, see ... — Section: *Technical Information / Switches and Pushbuttons / Two-circuit switches* — Page: 19/12						
 5TA2 155 (rear view)							
 5TA2 128 (front view)	**Two-circuit switches for school program**	A	**5TA2 128**		1	1/10 units	021
	For tops see section — Page (ff.)						
	Design / i-system / School Program — 1/40						
 5TA2 128 (rear view)							

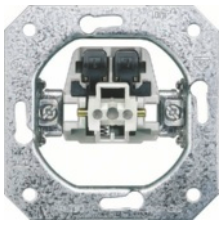
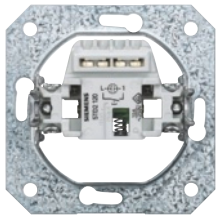
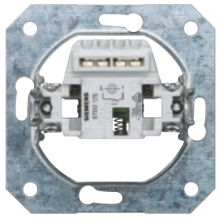
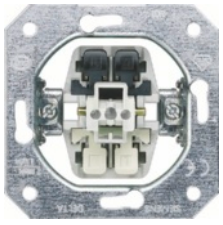
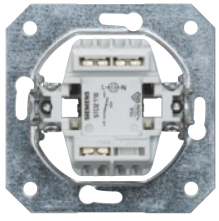
Inserts for pushbuttons

General information
- With green switch lever
- 10 A; 250 V AC
- Contact material: cadmium and nickel-free
- Live parts covered by molded plastic

Note	Section	Page
For extension claws, see ...	*Accessories and spare parts*	10/19

* You can order this quantity or a multiple thereof.

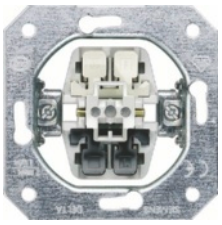
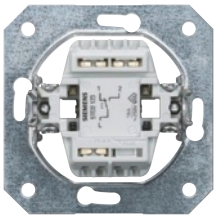
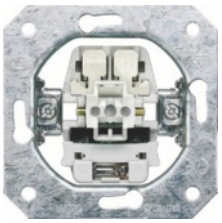
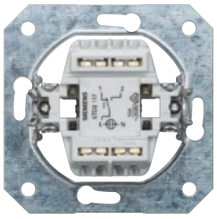
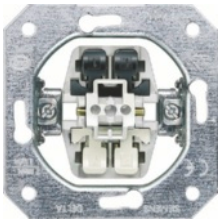
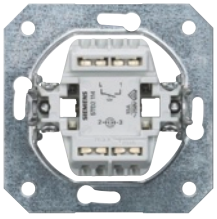
© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TD2 120 (front view)	**Pushbuttons, 1 NO contact**						
	Versions						
	• With claws	A	**5TD2 120**		1	1/10 units	021
	• Without claws for hollow-wall mounting	C	**5TD2 120-0KK**		1	10 units	021
	For tops see section — Page (ff.)						
	• *Design / i-system / Switches and Pushbuttons* — 1/6						
	• *Design / DELTA natur/Switches and Pushbuttons* — 7/6						
	• *Design / DELTA profil/Switches and Pushbuttons* — 5/8						
	• *Design / DELTA style/Switches and Pushbuttons* — 6/6						
	Note — Section — Page						
	For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / Pushbuttons, 1 NO contact* — 19/12						
 5TD2 120 (rear view)							
 5TD2 125 (front view)	**Pushbuttons, 1 NO contact, for school program**	A	**5TD2 125**		1	1/10 units	021
	For tops see section — Page (ff.)						
	Design / i-system / School Program — 1/40						
 5TD2 125 (rear view)							
 5TD2 116 (front view)	**Pushbuttons, 1 NO contact, with separate neutral terminal**						
	Versions						
	• With claws	A	**5TD2 116**		1	1/10 units	021
	• Without claws for hollow-wall mounting	C	**5TD2 116-0KK**		1	10 units	021
	For tops see section — Page (ff.)						
	• *Design / i-system / Switches and Pushbuttons* — 1/6						
	• *Design / DELTA natur/Switches and Pushbuttons* — 7/6						
	• *Design / DELTA profil/Switches and Pushbuttons* — 5/8						
	• *Design / DELTA style/Switches and Pushbuttons* — 6/6						
 5TD2 116 (rear view)							

* You can order this quantity or a multiple thereof.

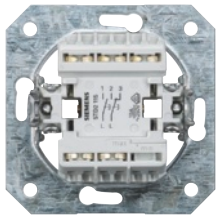
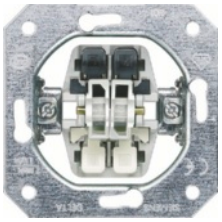
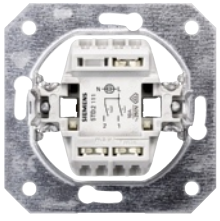
© Siemens AG 2011

Inserts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TD2 123 (front view)  5TD2 123 (rear view)	**Pushbuttons, 1 CO contact** • Can also be used as NC contact • Cannot be illuminated Versions • With claws • Without claws for hollow-wall mounting For tops see section / Page (ff.) • *Design / i-system / Switches and Pushbuttons* 1/6 • *Design / DELTA natur/Switches and Pushbuttons* 7/6 • *Design / DELTA profil/Switches and Pushbuttons* 5/8 • *Design / DELTA style/Switches and Pushbuttons* 6/6	A C	**5TD2 123** **5TD2 123-0KK**		1 1	1/10 units 10 units	021 021
 5TD2 117 (front view)  5TD2 117 (rear view)	**Pushbuttons, 1 CO contact, with separate neutral terminal** With 5TG7 332 glow lamp (medium luminosity) Versions • With claws • Without claws for hollow-wall mounting For tops see section / Page (ff.) • *Design / i-system / Switches and Pushbuttons* 1/6 • *Design / DELTA natur/Switches and Pushbuttons* 7/6 • *Design / DELTA profil/Switches and Pushbuttons* 5/8 • *Design / DELTA style/Switches and Pushbuttons* 6/6 Note / Section / Page For Technical specifications, see ... / *Technical Information / Switches and Pushbuttons / Pushbuttons, 1 CO contact, with separate neutral terminal* / 19/13	A C	**5TD2 117** **5TD2 117-0KK**		1 1	1/10 units 10 units	021 021
 5TD2 114 (front view)  5TD2 114 (rear view)	**Pushbuttons with separate check-back indication** without glow lamp Versions • With claws • Without claws for hollow-wall mounting For tops see section / Page (ff.) • *Design / i-system / Switches and Pushbuttons* 1/6 • *Design / DELTA natur/Switches and Pushbuttons* 7/6 • *Design / DELTA profil/Switches and Pushbuttons* 5/8 • *Design / DELTA style/Switches and Pushbuttons* 6/6 Note / Section / Page For Technical specifications, see ... / *Technical Information / Switches and Pushbuttons / Pushbuttons, with separate check-back indication* / 19/13	A C	**5TD2 114** **5TD2 114-0KK**		1 1	1/10 units 10 units	021 021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TD2 115 (front view)	**Pushbuttons, double, 1 NO contact, 1 CO contact**						
	Versions						
	• With claws	A	**5TD2 115**		1	1/10 units	021
	• Without claws for hollow-wall mounting	C	**5TD2 115-0KK**		1	10 units	021
	For tops see section — Page (ff.)						
	• *Design / i-system / Switches and Pushbuttons* — 1/6						
	• *Design / DELTA natur/Switches and Pushbuttons* — 7/6						
	• *Design / DELTA profil/Switches and Pushbuttons* — 5/8						
	• *Design / DELTA style/Switches and Pushbuttons* — 6/6						
 5TD2 115 (rear view)	Note — Section — Page						
	For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / Pushbuttons, double, 1 NO contact, 1 CO contact* — 19/13						
 5TD2 111 (front view)	**Pushbuttons, double, 2 NO contacts**						
	Versions						
	• With claws	A	**5TD2 111**		1	1/10 units	021
	• Without claws for hollow-wall mounting	C	**5TD2 111-0KK**		1	10 units	021
	For tops see section — Page (ff.)						
	• *Design / i-system / Switches and Pushbuttons* — 1/6						
	• *Design / DELTA natur/Switches and Pushbuttons* — 7/6						
	• *Design / DELTA profil/Switches and Pushbuttons* — 5/8						
	• *Design / DELTA style/Switches and Pushbuttons* — 6/6						
 5TD2 111 (rear view)	Note — Section — Page						
	For Technical specifications, see ... — *Technical Information / Switches and Pushbuttons / Pushbuttons, double, 2 NO contacts* — 19/14						
Inserts for dimmers							
	General information The devices comply with EN 55014, Class B.						
 5TC8 256	**Incandescent lamp dimmers, 50 ... 400 W** • Leading-edge phase technology • 230 V AC, 50/60 Hz • With rotary ON/OFF switch and rotary operation • For claw and screw fixing • Screw terminals with anti-slip terminal body for solid and finely stranded conductors • For 230 V AC incandescent and halogen lamps 50 ... 400 W • Miniature fuse T 1.6 H 250 V with spare fuse in fuse holder • Order no. for spare fuse: 5TG8 302 • VDE and KEMA certification	A	**5TC8 256**		1	1 unit	024
	Symbol — For tops see section — Page (ff.)						
	R — *Design / i-system / Lighting Controls* — 1/26						
	Design / DELTA natur/Lighting Controls — 7/10						
	Design / DELTA profil/Lighting Controls — 5/22						
	Design / DELTA style/Lighting Controls — 6/19						
	Note — Section — Page						
	For Technical specifications, see ... — *Technical Information / Dimmers / Incandescent lamp dimmers, 50 to 400 W* — 19/21						

10

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Inserts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC8 257	**Incandescent lamp dimmers, 50 ... 600 W, two-way switching** • Leading-edge phase technology • 230 V AC, 50/60 Hz • With pushbutton ON/OFF/two-way switch and rotary operation • For claw and screw fixing • Screw terminals with anti-slip terminal body for solid and finely stranded conductors • For 230 V AC incandescent and halogen lamps 50 ... 600 W • Miniature fuse T 2,5 H 250 V with spare fuse in fuse holder • Order no. for spare fuse: 5TG8 305 • With temperature cutout, not resettable • Trimming potentiometer for basic brightness • Rotary potentiometer with soft notching • VDE and KEMA certification	A	**5TC8 257**		1	1 unit	024
	Symbol: R — *Design / i-system / Lighting Controls* 1/26; *Design / DELTA natur/Lighting Controls* 7/10; *Design / DELTA profil/Lighting Controls* 5/22; *Design / DELTA style/Lighting Controls* 6/19						
	Note: For Technical specifications, see ... — Section: *Technical Information / Dimmers / Incandescent lamp dimmers, 50 to 600 W, for two-way switching* — Page: 19/22						
 5TC8 283	**Low-voltage dimmers, for magnetic transformers, 50 to 600 W, 25 to 500 VA, for two-way switching** • Leading-edge phase technology 230 V AC, 50/60 Hz • With pushbutton ON/OFF/two-way switch and rotary operation • For claw and screw fixing • Screw terminals with anti-slip terminal body for solid and finely stranded conductors • Miniature fuse T 4 H 250 V with spare fuse in fuse holder • Order no. for spare fuse: 5TG8 330 • With temperature cutout, not resettable • Trimming potentiometer for basic brightness • Rotary potentiometer with soft notching • VDE and KEMA certification	A	**5TC8 283**		1	1 unit	024
	Rated load: • Incandescent lamps — 50 ... 600 W • High-voltage halogen lamps — 50 ... 600 W • LV halogen lamps with magnetic transformer — 25 ... 500 VA						
	Symbol: R, L — *Design / i-system / Lighting Controls* 1/26; *Design / DELTA natur/Lighting Controls* 7/10; *Design / DELTA profil/Lighting Controls* 5/22; *Design / DELTA style/Lighting Controls* 6/19						
	Note: For Technical specifications, see ... — Section: *Technical Information / Dimmers / Low-voltage dimmers, for magnetic transformers, 50 ... 600 W, 25 ... 500 VA, for two-way switching* — Page: 19/23						

10

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

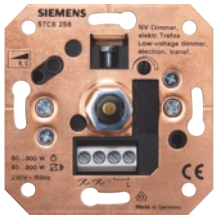
	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC8 284	**LV dimmers, for electronic transformers, 20 to 600 W, 20 to 525 VA, for two-way switching** • Trailing-edge phase technology 230 V AC, 50 Hz • With pushbutton ON/OFF/two-way switch and rotary operation • For claw and screw fixing • Screw terminals with anti-slip terminal body for solid and finely stranded conductors • With electronic fuse, short-circuit resistant • With temperature cutout, self-resetting • Trimming potentiometer for load matching • Rotary potentiometer with soft notching • VDE approved	A	**5TC8 284**		1	1 unit	024

Rated load

• Incandescent lamps	20 ... 600 W
• High-voltage halogen lamps	20 ... 600 W
• LV halogen lamps with electronic transformer	20 ... 525 VA

Symbol	For tops see section	Page (ff.)
R, C	*Design / i-system / Lighting Controls*	1/26
	Design / DELTA natur/Lighting Controls	7/10
	Design / DELTA profil/Lighting Controls	5/22
	Design / DELTA style/Lighting Controls	6/19

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Dimmers / Low-voltage dimmers, for electronic transformers, 20 ... 600 W, 20 to 525 VA, for two-way switching*	19/24

 5TC8 258	**LV dimmers, for electronic transformers, 60 ... 800 W, 60 ... 800 VA, for two-way switching** • Trailing-edge phase technology 230 V AC, 50 Hz • With pushbutton ON/OFF/two-way switch and rotary operation • For claw and screw fixing • Screw terminals with anti-slip terminal body for solid and finely stranded conductors • With electronic fuse, short-circuit resistant • With temperature cutout, self-resetting • Trimming potentiometer for load matching • Rotary potentiometer with soft notching • VDE approved	A	**5TC8 258**		1	1 unit	024

Rated load

• Incandescent lamps	60 ... 800 W
• High-voltage halogen lamps	60 ... 800 W
• LV halogen lamps with electronic transformer	60 ... 800 VA

Symbol	For tops see section	Page (ff.)
R, C	*Design / i-system / Lighting Controls*	1/26
	Design / DELTA natur/Lighting Controls	7/10
	Design / DELTA profil/Lighting Controls	5/22
	Design / DELTA style/Lighting Controls	6/19

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Dimmers / Dimmers for electronic transformers, 60 ... 800 W, 60 ... 800 VA, for two-way switching*	19/25

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

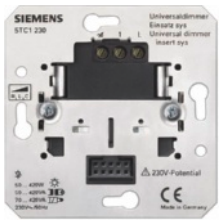
Inserts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC8 240	**Sensor dimmers, without memory function** • Leading-edge phase technology • 230 V AC, 50/60 Hz • For claw and screw fixing • Screw terminals • For 230 V AC incandescent and halogen lamps 20 ... 400 W • For low-voltage halogen lamps with magnetic transformers 20 ... 300 VA • Miniature fuse T 1.6 H 250 V with spare fuse in fuse holder • Order no. for spare fuse: 5TG8 302 • Connection of 5TD2 ... pushbuttons enables switching and dimming of several extension units	A	**5TC8 240**		1	1 unit	024
	Mode of operation • Short touch of the control panel of the dimmer or pushbutton: Switch On/Off • Long touch of the control panel of the dimmer or pushbutton: Continuous dimmer control • Repeated, long touch of the control panel: Does not directly reverse direction of the dimmer						
	Symbol: R, L For tops see section: *Design / i-system / Lighting Controls*; *Design / DELTA profil/Lighting Controls*; *Design / DELTA style/Lighting Controls* Page (ff.): 1/26; 5/22; 6/19						
 5TC8 232	**Sensor dimmers, with memory function** • Leading-edge phase technology • 230 V AC, 50/60 Hz • For claw and screw fixing • Screw terminals • For 230 V AC incandescent and halogen lamps 20 ... 400 W • For low-voltage halogen lamps with magnetic transformers 20 ... 300 VA • Miniature fuse T 1.6 H 250 V with spare fuse in fuse holder • Order no. for spare fuse: 5TG8 302 • Connection of 5TD2 ... pushbuttons enables switching and dimming of several extension units	A	**5TC8 232**		1	1 unit	024
	Mode of operation • Short touch of the control panel of the dimmer or pushbutton: Switch On/Off • Long touch of the control panel of the dimmer or pushbutton: Continuous dimmer control • Repeated, long touch of the control panel: Does not directly reverse direction of the dimmer • When switched on (by briefly touching the control panel), the same dimming value is set as when switching off: Memory function						
	Symbol: R, L For tops see section: *Design / i-system / Lighting Controls*; *Design / DELTA profil/Lighting Controls*; *Design / DELTA style/Lighting Controls* Page (ff.): 1/26; 5/22; 6/19						

10

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 230	**Universal dimmer sys inserts** • Flush-mounting insert for switching and dimming different electronic loads • For claw and screw fixing • Screw terminals • 2-wire connection method • Automatic load detection • Soft start extends lamp life • Storing and switching on at one brightness value • Memory value retained even after power failure • Electronic short-circuit protection and overtemperature protection • On elimination of the short-circuit/cooling, automatic return to normal mode • Extension unit operation over conventional pushbuttons • Number of extension units: Unlimited • Rated voltage: 230 V AC, 50 Hz • Only mixed loads between incandescent lamp ratings and electric transformers are permissible	A	**5TC1 230**		1	1 unit	024

Connected load	
• Incandescent lamp rating	50 ... 420 W
• Magnetic transformers	50 ... 420 VA
• Electronic transformers	70 ... 420 VA

Symbol	For tops see section	Page (ff.)
R, L, C	*Design / i-system / Lighting Controls* *Design / DELTA profil/Lighting Controls* *Design / DELTA style/Lighting Controls*	1/26 5/22 6/19

Note	Section	Page
• For a description of the "sys" and "wave" systems, see ...	*Functions / Remote Control Systems*	16/2
• For Technical specifications, see ...	*Technical Information / Dimmers / Universal dimmer sys inserts*	19/19

Inserts for lighting control/switching

 5TC8 424	**Electronic potentiometers, switch** • Control device for the brightness of fluorescent lamps • Connection to electronic primary switching devices (ECG) with control input 1 ... 10 V DC • With pushbutton ON/OFF switch and rotary operation • For claw and screw fixing • Screw terminals with anti-slip terminal body for solid and finely stranded conductors • Control voltage: 1 ... 10 V DC • Max. control current: 50 mA • Load connection: 230 V AC/4 A • Trimming potentiometer for setting basic brightness • Rotary potentiometer with soft notching • VDE and KEMA certification	A	**5TC8 424**		1	1 unit	024

Switching capacity	
• OSRAM Quicktronik, dimmable, 1 x 58 W LL	Max. 6 units
• OSRAM Quicktronik, dimmable, 1 x 36 W LL	Max. 9 units

Symbol	For tops see section	Page (ff.)
x 10 V	*Design / i-system / Lighting Controls* *Design / DELTA natur/Lighting Controls* *Design / DELTA profil/Lighting Controls* *Design / DELTA style/Lighting Controls*	1/26 7/10 5/22 6/19

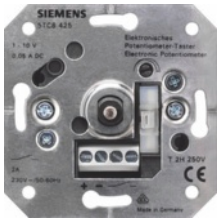
Note	Section	Page
For Technical specifications, see ...	*Technical Information / Dimmers / Electronic potentiometers, switches*	19/27

10

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Inserts

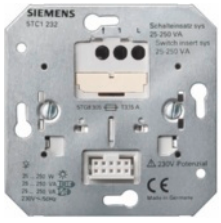
	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC8 425	**Electronic potentiometers, pushbutton** • Control device for the brightness of fluorescent lamps • Connection to electronic primary switching devices (ECG) with control input 1 ... 10 V DC • With pushbutton switch and rotary operation • For claw and screw fixing • Screw terminals with anti-slip terminal body for solid and finely stranded conductors • Control voltage: 1 ... 10 V DC • Max. control current: 50 mA • Load contact: 230 V AC/2 A • Trimming potentiometer for setting basic brightness • Rotary potentiometer with soft notching • VDE approved	A	**5TC8 425**		1	1 unit	024

Switching capacity

Depending on the remote control switch or installation contactor selected

Symbol	For tops see section	Page (ff.)
10 V	*Design / i-system / Lighting Controls*	1/26
	Design / DELTA natur/Lighting Controls	7/10
	Design / DELTA profil/Lighting Controls	5/22
	Design / DELTA style/Lighting Controls	6/19

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Dimmers / Electronic potentiometers, pushbuttons*	19/28

 5TC1 232	**sys switching inserts, 25 to 250 VA** • The sys switching insert is a flush-mounting device for switching different electrical consumers, such as - Incandescent lamps - HV halogen lamps - LV halogen lamps with magnetic transformer - LV halogen lamps with electronic transformer • It is operated using UP 210 wave pushbuttons (radio waves)	A	**5TC1 232**		1	1 unit	024

For tops see section	Page (ff.)
• *Design / i-system / Lighting Controls*	1/26
• *Design / DELTA profil/Lighting Controls*	5/22
• *Design / DELTA style/Lighting Controls*	6/19

Product features

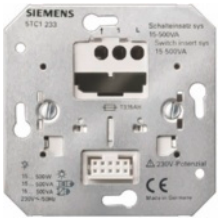
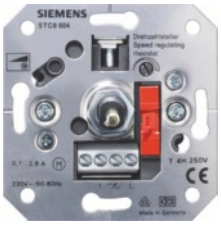
• 2-wire connection method
• Spare fuse at the fuse holder
• Overload protection (thermal release)
• Extension unit operation over conventional pushbuttons without glow lamps

Technical specifications

• Short-circuit protection by miniature fuse	T 3.15 A H 250 V
• Number of extension units	Unlimited
• Extension unit cable (total)	Max. 100 m
• Rated voltage	230 V AC/50 Hz
• Connected load	
- Incandescent lamp rating	25 ... 250 W
- Conventional transformers	25 ... 250 VA
- Electronic transformers	25 ... 250 VA
• Approvals	VDE certification

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 233	**sys switching inserts, 15 to 500 VA** • The sys switching insert is a flush-mounting device for switching different electrical consumers, such as - Incandescent lamps - HV halogen lamps - LV halogen lamps with magnetic transformer - LV halogen lamps with electronic transformer • It is operated using UP 210 wave pushbuttons (radio waves)	A	**5TC1 233**		1	1 unit	024
	For tops see section / Page (ff.) • *Design / i-system / Lighting Controls* 1/26 • *Design / DELTA profil/Lighting Controls* 5/22 • *Design / DELTA style/Lighting Controls* 6/19						
	Product features • 2-wire connection method • Spare fuse at the fuse holder • Overload protection (thermal release) • Extension unit operation over conventional pushbuttons without glow lamps						
	Technical specifications • Short-circuit protection by miniature fuse: T3.15 A H 250 V • Number of extension units: Unlimited • Extension unit cable (total): Max. 100 m • Rated voltage: 230 V AC/50 Hz • Connected load - Incandescent lamp rating: 15 ... 500 W - Conventional transformers (except toroidal-core transformers): 15 ... 500 VA - Toroidal-core transformers: 15 ... 250 VA - Electronic transformers: 15 ... 500 VA • Approvals: VDE certification						
 5TC8 604	**Speed regulating rheostats, 0.1 to 2.6 A** • For speed control of fans and/or other devices with single-phase induction motor • 230 V AC, 50/60 Hz • With rotary ON/OFF switch and rotary operation • For claw and screw fixing • Screw terminals with anti-slip terminal body for solid and finely stranded conductors • Miniature fuse T 4 H 250 V with spare fuse in fuse holder • Order no. for spare fuse: 5TG8 330 • With temperature cutout, not resettable • Trimming potentiometer for minimum speed • VDE and KEMA certification	A	**5TC8 604**		1	1 unit	024
	Symbol / For tops see section / Page (ff.)  *Design / i-system / Lighting Controls* 1/26 *Design / DELTA profil/Lighting Controls* 5/22 *Design / DELTA style/Lighting Controls* 6/19						
	Note / Section / Page For Technical specifications, see ... / *Technical Information / Dimmers / Speed regulating rheostats, 0.1 ... 2.6 A* / 19/30						
Inserts for add-on devices							
 5TC1 250	**Time switches** • For screw fixing • 16 A, 250 V AC • Runtime: 15 min • Can be switched off • 2-pole	A	**5TC1 250**		1	1 unit	024
	For tops see section / Page (ff.) • *Design / DELTA style/Accessories and spare parts* 6/19						

10

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Complete assemblies

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TT3 303	**Dusk switches** • Setting range 2 ... 2000 Lux • 1-channel version for surface mounting, IP55 • With integrated light sensor	C	**5TT3 303**		1	1 unit	027

Technical specifications

• Rated control voltage U_c	230 V AC
• Operating range × U_c at 50/60 Hz	0.85 ... 1.1
• Rated frequency	50 Hz
• Time delay (fixed)	50 s
• Contact	1 NO contact
• Rated operational voltage U_e	250 V AC
• Rated operational current I_s	
- at p.f. = 1	10
- at p.f. = 0.4	2
• Incandescent lamp rating	1200 W
• Minimum contact load	10 V, 100 mA
• Terminals	1
• Conductor cross-section	
- Rigid	1.5 mm^2
- Flexible with sleeve	Min. 0.5 mm^2
• Resistance to climate acc. to DIN 50016	FW 24
• Degree of protection acc. to EN 60529	IP54
• Safety class acc. to EN 61010	II

Note	Section	Page
For dimensional drawings, see ...	Technical Information / Switches and Pushbuttons / Dusk switches	19/11

 5WG1 528-1AB41	**Universal dimmer expansions** • One output for the switching and dimming of resistive, inductive or capacitive loads • Rated operational voltage: 230 V AC, 50/60 Hz • Rated power at +45 °C ambient temperature: 20 ... 300 VA or 20 ... 500 VA or 20 ... 1000 VA • Two extension unit inputs for 230 V AC (with neutral conductor as ground) for switching and dimming of the output and optional transmission of switching and dimming commands via the bus • Automatic adjustment to leading-edge or trailing-edge phase control, depending on the connected load type • Electronic protection of output against overload and short-circuit and overtemperature • Max. length of connecting leads to extension unit inputs: 100 m • Width 3 MW (1 MW = 18 mm)						

VA	Type					
20 ... 300	N 528/41	B	**5WG1 528-1AB41**	1	1 unit	030
20 ... 500	N 527/41	B	**5WG1 527-1AB41**	1	1 unit	030
20 ... 1000	N 527/51	B	**5WG1 527-1AB51**	1	1 unit	030

Symbol	Technical product specifications
R, L, C	www.siemens.com/gamma-td

10

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Accessories							
 5TG7 315	**LED light inserts, for switch and pushbutton inserts** For all rockers with windows						
	Fluorescent color / Rated voltage / Power consumption in mA						
	• Red — 1.5 V DC — 2	A	**5TG7 318**		1	1/10 units	021
	8 V AC — 2	A	**5TG7 315**		1	1/10 units	021
	12 V AC — 2	A	**5TG7 316**		1	1/10 units	021
	24 V AC — 2	A	**5TG7 317**		1	1/10 units	021
	230 V AC — 1	A	**5TG7 353**		1	1/10 units	021
	• Orange						
	- normal — 230 V AC — 0.9	A	**5TG7 333**		1	1/10 units	021
	- Strong — 230 V AC — 1.0	A	**5TG7 343**		1	1/10 units	021
	• White — 230 V AC — 1.1	A	**5TG7 354**		1	1/10 units	021
	• Blue — 230 V AC — 1.1	A	**5TG7 355**		1	1/10 units	021
	Note • The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already. • If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.						
 5TG7 321	**Glow lamps for switch and pushbutton inserts** • Protected against contact • 230 V AC • Reduced luminosity • Power consumption 0.18 mA • Base color: white	A	**5TG7 321**		1	1/10 units	021
 5TG2 498	**Extension claws for DELTA inserts with rubber for self-retracting claws** • 1 set contains ten extension claws • 2 extension claws are needed per insert	A	**5TG2 498**		1	1 set	021
 5TG2 497	**Extension claws for DELTA inserts/DELTA bus coupling units with self-retracting claws** • 1 set contains ten extension claws • 2 extension claws are needed per insert	A	**5TG2 497**		1	1 set	021

10

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Notes

© Siemens AG 2011

Motion Detectors

11



11/2 **Inserts**

11/4 **Surface-mounting motion detectors**

© Siemens AG 2011

Inserts

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For claw and screw fixing • Screw terminals						
 5TC1 500 **Motion detector relay inserts** Motion detector relay inserts flush-mounting insert for motion detector tops, for switching extensive light sources and electrical loads of up to a maximum of 10 A/230 V.	A	**5TC1 500**		1	1 unit	024

For tops see section	Page
• *Design / i-system / Motion Detectors*	1/29
• *Design / DELTA profil/Motion Detectors*	5/25
• *Design / DELTA style/Motion Detectors*	6/21

Technical specifications	
• Rated voltage	230 V AC, 50/60 Hz
• Connected loads	
- Incandescent lamp rating	2300 W
- HV halogen lamps	2300 W
- Conventional transformers	1000 VA
- Electronic transformers	1500 W
- Fluorescent lamps, uncorrected	1200 VA
- Fluorescent lamps parallel p.f. corrected	920 VA
- Fluorescent lamps in DUO circuit	2300 VA
• Extension units	
- Number of motion detector extension unit inserts	10
- Number of mechanical pushbuttons	Unlimited
- Maximum cable length (total)	100 m

Note	Section	Page
Switching commands are issued by the release of the plug-on motion detector top or by an extension unit. For further details of tops, see ...	*Technical Information / Motion Detectors / Motion detector relay inserts*	19/43

Note

Download the operating and mounting instructions from:
http://support.automation.siemens.com/ww/view/en/5tc1500/all

 5TC1 501 **Motion detector triac inserts** • Flush-mounting inserts for motion detector tops for switching - 230 V incandescent lamps, - 230 V halogen lamps and - LV halogen lamps with magnetic transformer • The lamp is switched on using a gentle soft start	A	**5TC1 501**		1	1 unit	024

For tops see section	Page
• *Design / i-system / Motion Detectors*	1/29
• *Design / DELTA profil/Motion Detectors*	5/25
• *Design / DELTA style/Motion Detectors*	6/21

Technical specifications	
• Rated voltage, 2-conductor-connection	230 V AC, 50/60 Hz
• Connected loads	
- Incandescent lamp rating	40 ... 400 W
- HV halogen lamps	40 ... 400 W
- Conventional transformers including power loss	Max. 400 VA
• Short-circuit protection	
- Miniature fuse	T 1.6 H 250 V
• Extension units	
- Number of motion detector extension unit inserts	10
- Number of mechanical pushbuttons	Unlimited
- Maximum cable length (total)	100 m

Note	Section	Page
Switching commands are issued by the release of the plug-on motion detector top or by an extension unit. For further details of tops, see ...	*Technical Information / Motion Detectors / Motion detector triac inserts*	19/44

Note

Download the operating and mounting instructions from:
http://support.automation.siemens.com/ww/view/en/5tc1501/all

11

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 502	**Motion detector extension unit inserts** • Flush-mounting inserts for motion detector tops • The motion detector extension unit insert is a 3-wire extension unit that can only be used in combination with a motion detector relay insert or a motion detector triac insert. • In case of a motion detection, a brightness-independent switching signal is issued to the center unit. • The minimum time between the two switching signals of the motion detector extension unit insert is approx. 5 sec. • The evaluation is performed in the top of the center unit. • The motion detector extension unit must not be assigned to more than one center unit. • It is not suitable for the direct switching of loads.	A	**5TC1 502**		1	1 unit	024

For tops see section	Page
• *Design / i-system / Motion Detectors*	1/29
• *Design / DELTA profil/Motion Detectors*	5/25
• *Design / DELTA style/Motion Detectors*	6/21

Technical specifications	
• Rated voltage	230 V AC, 50/60 Hz N conductor required
• Connection	To the center unit with motion detector top
• Possible inserts for the center unit	Motion detector relay inserts (5TC1 500) Motion detector triac inserts (5TC1 501)
• Extension units	
- Number of motion detector extension unit inserts	10
- Maximum cable length (total)	100 m

Note	Section	Page
Switching commands are issued by the release of the plug-on motion detector top or by an extension unit. For further details of tops, see ...	*Technical Information / Motion Detectors / Motion detector extension unit inserts*	19/45

Note
Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1502/all

11

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Surface-mounting motion detectors

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC7 210 (view from below)  5TC7 210 (side view)	**DELTA reflex motion detectors, IP55** • Mounting height: 2 ... 4 m, ideally 2.50 m • Wall or ceiling mounting • Range - 120° approx. 10 m - 290° approx. 16 m • Degree of protection IP55 • Surface mounting with screw terminals, quick and easy to wire, the detector is then simply plugged into the terminal box • Easy two-pushbutton operation: - Storage of user-definable brightness value - Storage of a user-definable delay time between 5 s and 30 min - Test mode for commissioning - Switchover to brightness-independent mode and pulse mode - Resetting of detector to 7 lux and 2 min delay time • Rear view monitoring (290° types only) • Automatic range stabilization (290° types only) • Automatic maloperation suppression • Vacation function at 290° IR • Artificial light suppression (glare shield) • Control via NC pushbutton • Rated voltage 230 V AC, 50/60 Hz • Output: one NO contact, non-isolated • Switching capacity: 120° - Incandescent lamps and HV halogen lamps: 1000 W 5 AX - Fluorescent lamps: 8 x 58 W - Energy-saving lamps: max. 4 units • Switching capacity: 290° and 290° IR - Incandescent lamps and HV halogen lamps: 2500 W 10 AX - Fluorescent lamps: 20 x 58 W - Energy-saving lamps: max. 8 units • Temperature range: -25 °C to 55 °C • Dimensions: (H X W X D): 80 mm x 82 mm x 182 mm						
	Versions						
	• 120°						
	- Titanium white (similar to RAL 9010)	A	**5TC7 210**		1	1 unit	024
	- Anthracite	A	**5TC7 211**		1	1 unit	024
	• 290°						
	- Titanium white (similar to RAL 9010)	A	**5TC7 212**		1	1 unit	024
	- Anthracite	A	**5TC7 213**		1	1 unit	024
	• 290° IR (incl. 5TC7 902 IR remote control)						
	- Titanium white (similar to RAL 9010)	A	**5TC7 214**		1	1 unit	024
	- Anthracite	A	**5TC7 215**		1	1 unit	024
	Note / Section / Page						
	For further technical information, see ... *Technical Information* 19/31						
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc7210/all						
 5TC7 900	**Special bases for "DELTA reflex motion detectors, IP55"** • For outside or inside-angle mounting • Cable entry surface or flush mounting • Dimensions: (H X W X D): 64 mm x 88 mm x 105 mm						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TC7 900**		1	1 unit	024
	• Anthracite	A	**5TC7 901**		1	1 unit	024
 5TC7 902	**Spare remote controls, for "DELTA reflex IP55 motion detector, 290° IR"** • Infrared remote control • Range: Approx. 5 m • Functions - Vacation function/presence - Continuous ON (4h)/normal mode - Test mode - Programming of brightness value and delay time from 5 s to 30 min - Direct selection of a delay time of 10 min. - Switchover to brightness-independent mode and pulse mode - Resetting of detector to 7 lux and 2 min delay time • Power supply through CR2025 lithium button cell, included in delivery • Dimensions: (H X W X D): 87 mm x 40 mm x 6 mm	A	**5TC7 902**		1	1 unit	024

11

* You can order this quantity or a multiple thereof.

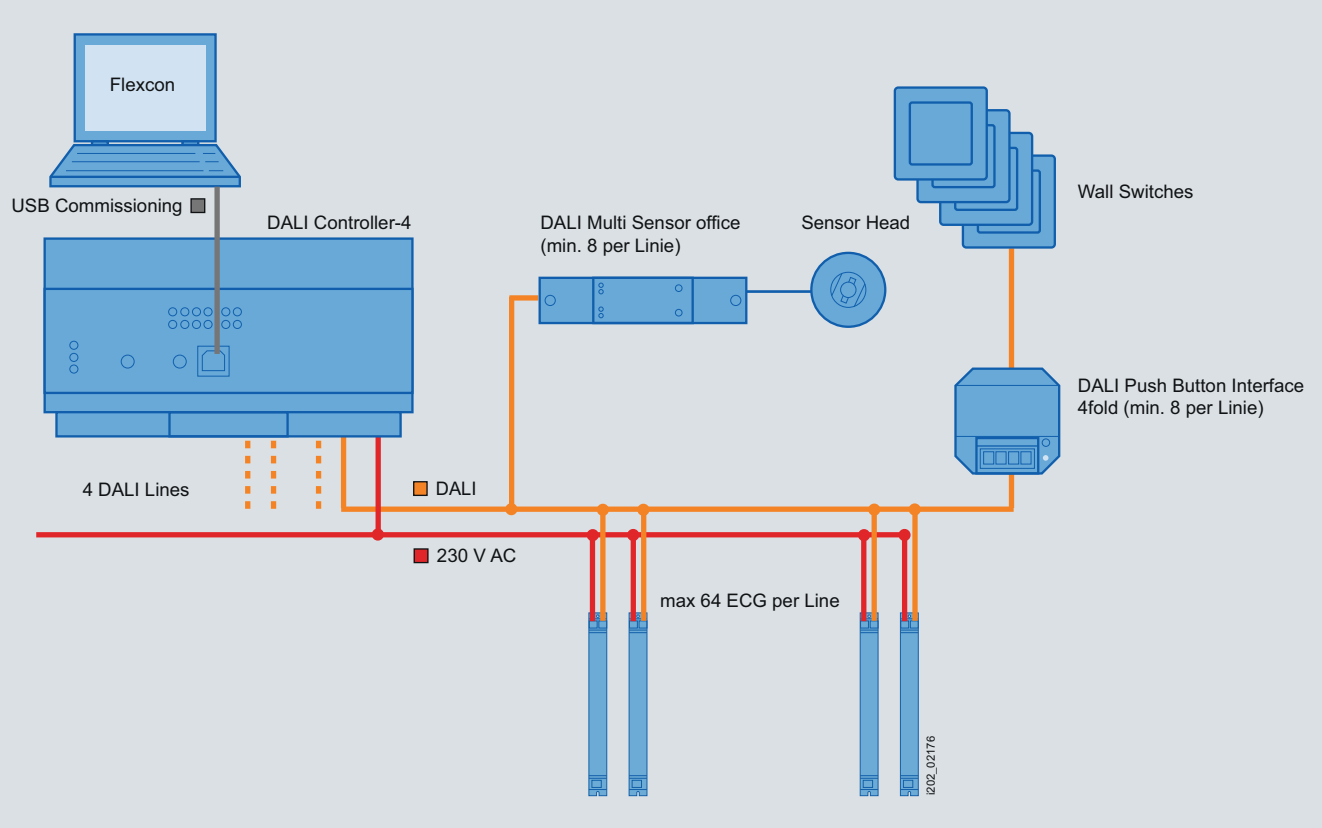
© Siemens AG 2011



© Siemens AG 2011

Flexcon

Overview



A DALI Controller-4 is a central element in any system.
The DALI Controller-4 communicates with the DALI multi sensor and DALI pushbutton interface 4-fold through the DALI line.

The new Flexcon software is used to start the system. Software download at: www.siemens.com/flexcon

Supported by the room layout plan, the system is largely configured using drag&drop.

Functions

- Scene control
- Sequence control
- Constant light level control through light sensors
- Switching/dimming using operator buttons
- Switching through presence detectors
- Central OFF function
- Timer functions (stairwells, corridors, ...)

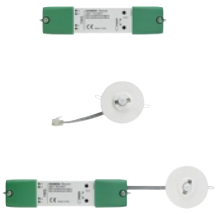
More information can be found on the Internet at:
www.siemens.com/flexcon

System description

- Controls four DALI lines with a single central controller (up to 256 primary switching devices)
- Communicates with DALI sensors and DALI actuators
- DALI power supply integrated in the controller
- System is started with easy to use start-up software

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC8 300-0	**DALI Controller-4** • Light controller • Start-up option using software via USB • For communicating with electronic primary switching devices with DALI protocol according to IEC 62386 • Supported by 4 DALI lines according to IEC 62386 • Support 64 electronic primary switching devices per line • For communicating with DALI pushbutton interface 4-fold and DALI multi sensor for offices • Supports a maximum of 64 input channels • Switching and dimming of electronic primary switching devices according to IEC 62386 • Scene control • Sequence control for scenes • Timer mode • Constant light level control • Groups can be combined over all lines • Integrated 230 V supply unit powers the electronics and 4 DALI lines • LEDs for status display • LED for displaying lamp faults on device • Pushbuttons for local operation • Plug-in terminals for connecting the DALI line, power supply and relay contacts • Modular installation device for mounting on TH35 EN 60715 mounting rail • Width 9 MW (1 MW = 18 mm)	A	**5TC8 300-0**		1	1 unit	030
 5WG1 141-2AB71	**DALI pushbutton interfaces 4-fold** • Binary input device • 4 inputs for pushbuttons • Supported actions per input - Short button press - Long button press - Double-click • Integrated DALI bus coupling unit for communicating with a central DALI controller • Power supply through DALI line with 6 mA DALI bus load • For flush-mounting wall or ceiling outlet installations with a 60 mm diameter and depth of 60 mm • Plug-in terminals for connecting the DALI line • Cable set for connecting pushbuttons	B	**5WG1 141-2AB71**		1	1 unit	030
 5WG1 141-2AB51	**DALI multi sensors for offices** • Used as passive infrared detector for indoor ceiling installation - Sensing range, horizontal 360 °, vertical approx. 80 ° - For monitoring an area with a diameter of approx. 4 m to approx. 7 m (depending on mounting and room height) - LED on sensor head for display • Used as brightness sensor - Cone–shaped detection area, opening angle 90 ° - Measuring range 20 lx to 1000 lx • Integrated DALI bus coupling unit for communicating with a central DALI controller • Power supply through DALI line with 5 mA DALI bus load • Plug-in terminals for connecting the DALI line • For mounting in suspended ceilings	A	**5WG1 141-2AB51**		1	1 unit	030
	**Flexcon commissioning software** Minimum system requirements: • Processor: 1.5 GHz, display resolution 1024 x 768, 1 GB RAM • Free space on hard disk: 100 MB • Windows XP SP3 or higher, Windows Vista SP1 or higher, or Windows 7 incl. NET Framework 3.5 SP1 Note Free software download from: www.siemens.com/flexcon						

12

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Notes

© Siemens AG 2011



13/2 **Inserts**

13/5 **Inserts with cover plate**

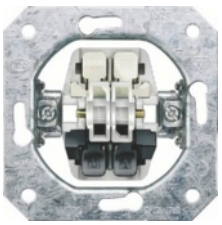
13/10 **Accessories and spare parts**

© Siemens AG 2011

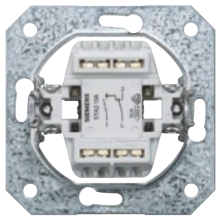
Inserts

Selection and ordering data

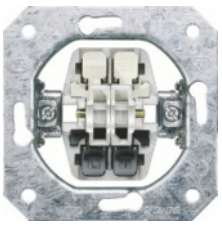
Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
General information • For screw and claw fixing • 10 A, 250 V AC • Live parts of inserts covered by molded plastic • Self-retracting claws • The screwless terminals are connecting terminals for Cu and aluminum conductors						
Note / Section / Page For extension claws, see ... / *Functions / Switching/Push-button Control/Dimming / Accessories and spare parts* / 10/19						
Shutter/blind switches, with electrical and mechanical interlock						
Versions						
• With claws	A	**5TA2 154**		1	1/10 units	021
• Without claws for hollow-wall mounting	C	**5TA2 154-0KK**		1	10 units	021
For tops see section / Page (ff.) • *Design / i-system / Shutter/Blind Controls* 1/21 • *Design / DELTA natur/Shutter/Blind Controls* 7/9 • *Design / DELTA profil/Shutter/Blind Controls* 5/18 • *Design / DELTA style/Shutter/Blind Controls* 6/16						
Note / Section / Page For Technical specifications, see ... / *Technical Information / Shutter/Blind Controls / Shutter/blind switches with electrical and mechanical interlock* / 19/47						
Shutter/blind pushbuttons, with electrical interlock						
Versions						
• With claws	A	**5TA2 114**		1	1/10 units	021
• Without claws for hollow-wall mounting	C	**5TA2 114-0KK**		1	10 units	021
For tops see section / Page (ff.) • *Design / i-system / Shutter/Blind Controls* 1/21 • *Design / DELTA natur/Shutter/Blind Controls* 7/9 • *Design / DELTA profil/Shutter/Blind Controls* 5/18 • *Design / DELTA style/Shutter/Blind Controls* 6/16						
Note / Section / Page For Technical specifications, see ... / *Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock* / 19/47						
Shutter/blind knob-operated switches • 10 A, 250 V AC • Momentary-contact and maintained-contact position to left and right and neutral position						
Versions						
• 1-pole	A	**5TA7 692**		1	1 unit	021
• 2-pole	A	**5TA7 693**		1	1 unit	021
For tops see section / Page (ff.) • *Design / DELTA style / Shutter/Blind Controls* 6/16						



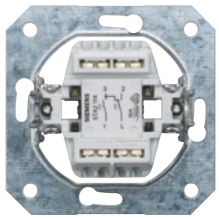
5TA2 154 (front view)



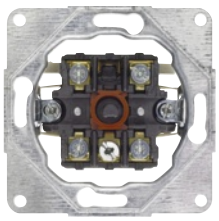
5TA2 154 (rear view)



5TA2 114 (front view)



5TA2 114 (rear view)



5TA7 692

13

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 231	**sys shutter/blind control inserts** • For controlling a shutter/blind motor with mechanical or electronic limit switches • Flush-mounting devices • Operation is by means of *sys shutter/blind pushbuttons* and *UP 211 wave shutter/blind pushbuttons* (radio)	A	**5TC1 231**		1	1 unit	024
	Product features						
	• 2 relays which are interlocked against each other with a minimum switch-over time of 1 s • Group and central controls through combination of several shutter/blind control sys inserts • The "wind alarm" safety function can be implemented through the UP extension unit input • Multiphase operation possible (i.e. different phases at the main and secondary branches) • Bridging of voltage interruptions less than 0.2 s • Conventional shutter/blind pushbuttons (5TA2 114) or switches (5TA2 154) can be connected over secondary inputs • Number of extension units: Unlimited • Rated voltage: 230 V AC, 50 Hz (neutral conductor required) • Connected load: max. 1 motor up to 1000 VA						
	For tops see section — Page (ff.)						
	• *Design / i-system / Shutter/Blind Controls* — 1/21 • *Design / DELTA profil / Shutter/Blind Controls* — 5/18 • *Design / DELTA style / Shutter/Blind Controls* — 6/16						
	Note — Section — Page						
	For Technical specifications, see ... — *Technical Information / Shutter/Blind Controls / sys shutter/blind control inserts* — 19/51						
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1231/all						
 5TC1 270	**Shutter/blind control flush-mounting isolating relays** • Double, with individual control • Relay for the control of several shutters or blinds • Two motors can be controlled per isolating relay, even if further isolating relays are connected downstream • Option for individual control of connected motors over shutter/blind push-button (e.g. 5TA2 114) • In order to ensure a sufficient degree of protection, the isolating relay must be installed in a surface-mounting or flush-mounting box	A	**5TC1 270**		1	1 unit	024
	Technical specifications						
	• Rated voltage — 230 V/50 Hz ±10 % • Relay switching voltage — Max. 250 V • Relay switching capacity — Max. 8 A (AC1), 3 A (ind.) • Control voltage — 230 V AC ±10 % • Relay power consumption — 10 mA • Temperature range — 0 ... 60 °C • Terminals — Max. 2.5 mm^2 • Dimensions — 58 mm x 59 mm x 22 mm • Weight — Approx. 75 g • Mounting — Flush-mounting box from 70 mm Ø, 4 mm deep or surface-mounting box, 100 mm x 100 mm • Interlock to prevent simultaneous actuation of central and individual control • Priority switching of the central command • The switchover time between an UP and DOWN command must be at least 0.5 sec • Only for in-phase operation						
	Note — Section — Page						
	For further technical information, see ... — *Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays* — 19/58						
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1270/all						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Inserts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 271	**Shutter/blind control flush-mounting isolating relays, compact** • Relay for the control of several shutters or blinds • A maximum of two motors can be connected per compact isolating relay, whereby the drive connected to the marked motor terminals can also be individually controlled over a shutter/blind pushbutton • If cascaded, a motor can be connected to each compact isolating relay, which can also be individually controlled over a shutter/blind pushbutton • In order to ensure a sufficient degree of protection, the isolating relay must be installed in a surface-mounting or flush-mounting box	A	**5TC1 271**		1	1 unit	024

Technical specifications

• Rated voltage	230 V / 50 Hz ±10 %
• Relay switching capacity	Max. 8 A (AC1), 3 A (ind.)
• Control voltage	230 V / 50 Hz ±10 %
• Relay power consumption	10 mA
• Temperature range	0 ... 60 °C
• Terminals	Max. 2,5 mm^2
• Dimensions	50 mm x 53 mm x 22 mm
• Weight	Approx. 60 g
• Mounting	Flush-mounting box from 60 mm Ø, 40 mm deep or surface-mounting box, 75 mm x 75 mm x 37 mm

• Interlock to prevent simultaneous actuation of central and individual control
• Priority switching of the central command
• The switchover time between an UP and DOWN command must be at least 0.5 sec
• Only for in-phase operation

Note	Section	Page
For further technical information, see ...	*Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact*	19/59

Note

Download the operating and mounting instructions from:
http://support.automation.siemens.com/ww/view/en/5tc1271/all

13

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA7 660	**Shutter/blind knob-operated switches with Up/Down symbols** • In i-system design • For screw and claw fixing • Screw terminals • 10 A, 250 V AC • Momentary-contact and maintained-contact position to left and right and neutral position						
	Versions						
	• 1-pole (changeover contact with neutral position) - Titanium white (similar to RAL 9010) - Electrical white (RAL 1013)	 A A	 **5TA7 660** **5TA7 671**		 1 1	 1 unit 1 unit	 021 021
	• 2-pole (changeover contacts with neutral position) - Titanium white (similar to RAL 9010) - Electrical white (RAL 1013)	 A A	 **5TA7 661** **5TA7 672**		 1 1	 1 unit 1 unit	 021 021
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches* — Page: 19/48						
 5TA7 663	**Shutter/blind knob-operated switches, with "Down/Up" label** • In i-system design • For screw and claw fixing • Screw terminals • 10 A, 250 V AC • 1-pole (changeover contact with neutral position) • Momentary-contact position to left and right and neutral position						
	Versions						
	• Titanium white (similar to RAL 9010) • Electrical white (RAL 1013)	A A	**5TA7 663** **5TA7 674**		1 1	1 unit 1 unit	021 021
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches* — Page: 19/48						
 5TA7 662	**Shutter/blind key-operated switches with Up/Down symbols** • In i-system design • With safety lock and 2 keys • For screw and claw fixing • Screw terminals • 10 A, 250 V AC • 1-pole (changeover contact with neutral position) • Identical key type • Key can only be withdrawn in neutral position • Momentary-contact and maintained-contact position to left and right and neutral position						
	Versions						
	• Titanium white (similar to RAL 9010) • Electrical white (RAL 1013)	A A	**5TA7 662** **5TA7 673**		1 1	1 unit 1 unit	021 021
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches* — Page: 19/48						

13

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Inserts with cover plate

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA7 650	**Shutter/blind key-operated switches with key symbol** • In DELTA fläche IP44 design • IP44 splash-proof • With Up/Down symbols (under the hinged lid) • 10 A, 250 V AC according to DIN 49200 • Enclosures made of high-impact molded plastic • Size of cover: 66 mm x 75 mm • Cable entry: slide nipples for cables with 8 ... 13.5 mm Ø • Screw terminals • 1-pole (changeover contact with neutral position) • With two keys • Identical key type (different locking systems on request) • Key can only be withdrawn in neutral position						
	Versions						
	• Momentary-contact and maintained-contact position to left and right	A	**5TA7 650**		1	1 unit	021
	• Momentary-contact position to left and right	A	**5TA7 651**		1	1 unit	021
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches* — Page: 19/48						
 5TD4 708	**Shutter/blind pushbuttons, with electrical interlock, with Up/Down symbols** • In DELTA fläche IP44 design • Screwless terminals • Terminal assignment same as for 5TA2 114 flush-mounting insert	A	**5TD4 708**		1	1/10 units	021
	Note: For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock* — Page: 19/47						
 5TA7 666	**Shutter/blind key-operated switches for master-key systems, with Up/Down symbols, momentary-contact position to left and right** • In i-system design • For screw and claw fixing • Screw terminals • 10 A, 250 V AC • Key can only be withdrawn in neutral position						
	Versions						
	• 1-pole (changeover contact with neutral position) - Titanium white (similar to RAL 9010)	A	**5TA7 666**		1	1 unit	021
	- Electrical white (RAL 1013)	A	**5TA7 677**		1	1 unit	021
	• 2-pole (changeover contacts with neutral position) - Titanium white (similar to RAL 9010)	A	**5TA7 667**		1	1 unit	021
	- Electrical white (RAL 1013)	A	**5TA7 678**		1	1 unit	021
	Note: • 5TG4 225 *profile semicylinders* must be ordered separately • For Technical specifications, see ... — Section: *Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems* — Page: 19/49	A	**5TG4 225**		1	1/10 units	021

13

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TA7 664	**Shutter/blind key-operated switches for master-key systems, with Up/Down symbols, momentary-contact and maintained-contact position to left and right** • In i-system design • For screw and claw fixing • Screw terminals • 10 A, 250 V AC • Key can only be withdrawn in neutral position						
	Versions						
	• 1-pole (changeover contact with neutral position)						
	- Titanium white (similar to RAL 9010)	A	**5TA7 664**		1	1 unit	021
	- Electrical white (RAL 1013)	A	**5TA7 675**		1	1 unit	021
	• 2-pole (changeover contacts with neutral position)						
	- Titanium white (similar to RAL 9010)	A	**5TA7 665**		1	1 unit	021
	- Electrical white (RAL 1013)	A	**5TA7 676**		1	1 unit	021
	Note / Section / Page						
	• 5TG4 225 *profile semicylinders* must be ordered separately	A	**5TG4 225**		1	1/10 units	021
	• For Technical specifications, see ... *Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems* 19/49						
 5TA7 668	**Shutter/blind key-operated switches for master-key systems, with Up/Down symbols, maintained-contact position to left and right** • In i-system design • For screw and claw fixing • Screw terminals • 10 A, 250 V AC						
	Versions						
	• 1-pole, changeover contact with neutral position, key can only be withdrawn in neutral position						
	- Titanium white (similar to RAL 9010)	A	**5TA7 668**		1	1 unit	021
	- Electrical white (RAL 1013)	A	**5TA7 680**		1	1 unit	021
	• 2-pole, changeover contacts without neutral position, maintained-contact position to left and right, key can be withdrawn in both switch positions						
	- Titanium white (similar to RAL 9010)	A	**5TA7 670**		1	1 unit	021
	- Electrical white (RAL 1013)	A	**5TA7 681**		1	1 unit	021
	Note / Section / Page						
	• 5TG4 225 *profile semicylinders* must be ordered separately	A	**5TG4 225**		1	1/10 units	021
	• For Technical specifications, see ... *Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems* 19/49						
 5TG4 225	**Profile semicylinders for "shutter/blind key-operated switches for master-key systems"** • CES product • With three keys • Identical key type	A	**5TG4 225**		1	1/10 units	021

13

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Inserts with cover plate



5TC1 520

Version			DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Shutter/blind controls • For use in the DELTA line, DELTA vita, DELTA miro, DELTA profil and DELTA style ranges • For controlling a blind or shutter motor with mechanical or electronic limit switches • Operation is by means of 4 control buttons								
Versions								
• Titanium white (similar to RAL 9010)			A	**5TC1 520**		1	1 unit	024
• Electrical white (RAL 1013)			A	**5TC1 532**		1	1 unit	024
• Aluminum metallic or silver (similar to RAL 9006)			A	**5TC1 522**		1	1 unit	024
• Carbon metallic or anthracite (similar to RAL 7016)			A	**5TC1 524**		1	1 unit	024
• Pearl gray (similar to RAL 7035)			A	**5TC1 552**		1	1 unit	024
• Champagne (similar to RAL 7048)			A	**5TC1 553**		1	1 unit	024
• Bronze (similar to RAL 3012)			A	**5TC1 554**		1	1 unit	024
Note	Section	Page						
• For use with the DELTA profil product range, the following *intermediate frames* must be ordered separately:								
- Titanium white (similar to RAL 9010)	*Design / DELTA profil / Frames*	5/6	A	**5TG1 893**		1	1/10 units	021
- Silver or aluminum metallic (similar to RAL 9006)	*dto.*	5/6	A	**5TG1 762**		1	1/10 units	021
- Anthracite or carbon metallic (similar to RAL 7016)	*dto.*	5/6	A	**5TG1 835**		1	1/10 units	021
- Pearl gray (similar to RAL 7035)	*dto.*	5/6	A	**5TG1 885**		1	1/10 units	021
- Champagne (similar to RAL 7048)	*dto.*	5/6	A	**5TG1 705-1**		1	1/10 units	021
- Bronze (similar to RAL 3012)	*dto.*	5/6	A	**5TG1 745-1**		1	1/10 units	021
• For use with the DELTA style product range, titanium white, an *intermediate frame* must be ordered separately, see ...	*Design / DELTA style / Frames*	6/5	A	**5TG1 327**		1	1/10 units	021
• For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Shutter/blind controls*	19/53						
Note								
Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1520/all								
Product features								
• Flush-mounting device without an extension unit input • 230 V AC, 50 Hz (N conductor required) • With screw and claw fixing • Type of connection: screw terminals • 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s • Bridging of voltage interruptions < 0.2 s • Connected load: max. 1 motor up to 1000 W • Pulse duration: approx. 2 min • Accuracy: ± 1 min per month • Reserve power: > 6 h • Switching times: max. 4 (in 2 blocks: Mo ... Fr / Sa ... Su) • Factory preset switching times for faster commissioning • Possible reset to factory settings, manual operation is possible at any time								

* You can order this quantity or a multiple thereof.

© Siemens AG 2011



5TC1 521

Comfort shutter/blind controls

- For use in the DELTA line, DELTA vita, DELTA miro, DELTA profil and DELTA style ranges
- For controlling a blind or shutter motor with mechanical or electronic limit switches and comprehensive functionality (see product features)
- Menu-controlled operation by means of 4 control buttons

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Versions						
• Titanium white (similar to RAL 9010)	A	**5TC1 521**		1	1 unit	024
• Electrical white (RAL 1013)	A	**5TC1 533**		1	1 unit	024
• Aluminum metallic or silver (similar to RAL 9006)	A	**5TC1 523**		1	1 unit	024
• Carbon metallic or anthracite (similar to RAL 7016)	A	**5TC1 525**		1	1 unit	024
• Pearl gray (similar to RAL 7035)	A	**5TC1 556**		1	1 unit	024
• Champagne (similar to RAL 7048)	A	**5TC1 557**		1	1 unit	024
• Bronze (similar to RAL 3012)	A	**5TC1 558**		1	1 unit	024

Note	Section	Page					
• The *sun sensor* must be ordered separately, see ...	*Design / i-system / Accessories and spare parts*	1/44	A	**5TC1 526**		1	1 unit 024
• For use with the DELTA profil product range, the following *intermediate frames* must be ordered separately:							
- Titanium white (similar to RAL 9010)	*Design / DELTA profil / Frames*	5/6	A	**5TG1 893**		1	1/10 units 021
- Silver or aluminum metallic (similar to RAL 9006)	*dto.*	5/6	A	**5TG1 762**		1	1/10 units 021
- Anthracite or carbon metallic (similar to RAL 7016)	*dto.*	5/6	A	**5TG1 835**		1	1/10 units 021
- Pearl gray (similar to RAL 7035)	*dto.*	5/6	A	**5TG1 885**		1	1/10 units 021
- Champagne (similar to RAL 7048)	*dto.*	5/6	A	**5TG1 705-1**		1	1/10 units 021
- Bronze (similar to RAL 3012)	*dto.*	5/6	A	**5TG1 745-1**		1	1/10 units 021
• For use with the DELTA style product range, titanium white, an *intermediate frame* must be ordered separately, see ...	*Design / DELTA style/ Frames*	6/5	A	**5TG1 327**		1	1/10 units 021
• For Technical specifications, see ...	Technical Information / Shutter/Blind Controls / Comfort shutter/blind controls	19/54					

Note

Download the operating and mounting instructions from:
http://support.automation.siemens.com/ww/view/en/5tc1521/all

Product features

- Flush-mounting device without an extension unit input
- 230 V AC, 50 Hz (N conductor required)
- With screw and claw fixing
- Type of connection: screw terminals
- 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s
- Bridging of voltage interruptions < 0.2 s
- Connected load: max. 1 motor up to 1000 W
- Pulse duration: 2 min factory setting, may be changed to as much as 12 min by programming
- Accuracy: ± 1 min per month
- Reserve power: approx. 24 h
- Switching times: max. 18 (can be split up in three memories)
- Factory preset switching times for faster commissioning
- Possible reset to factory settings
- Random generator ± 15 min
- Astro program (can be delayed by ± 1 h 59 min)
- Easy changeover to daylight savings
- Twilight and sun protection function is possible with an optional sun sensor
- The random and astro functions can be combined
- Manual operation possible at any time

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Accessories and spare parts

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 526	**Sun sensors** • With 2-m connecting cable (extendable to 10 m) • In combination with the Comfort shutter/blind control, the sun sensor can be used for sun protection and twilight functions	A	**5TC1 526**		1	1 unit	024

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Shutter/Blind Controls / Comfort shutter/blind controls*	19/54

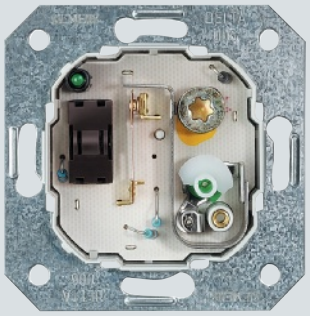
Note

Download the operating and mounting instructions from:
http://support.automation.siemens.com/ww/view/en/5tc1526/all

13

* You can order this quantity or a multiple thereof.

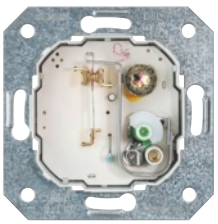
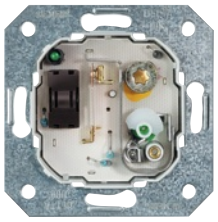
© Siemens AG 2011



© Siemens AG 2011

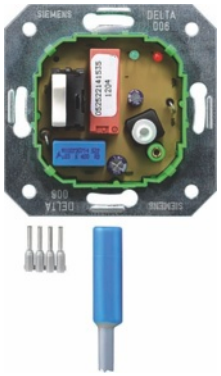
Inserts

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information • For screw fixing • With screwless terminals						
 5TC9 200	**Room temperature controllers, 1 NC contact** • 1/N 230 V/240 V AC, 50 Hz, 10 A (4 A) • Standard version with nighttime reduction • For electric and warm water convectors, pumps and tank control • The temperature controller operates as two-position controller with thermal feedback • If the temperature on the bimetal increases and the setpoint value is reached, the NC contact (heating contact) switches off • If the temperature on the bimetal sinks below the setpoint value minus the hysteresis, the NC contact switches back on • Activation of the temperature reduction lowers the temperature range by approx. 5 K	A	**5TC9 200**		1	1 unit	024
	For tops see section: Page (ff.) • *Design / i-system / Room Temperature Controllers*: 1/31 • *Design / DELTA profil / Room Temperature Controllers*: 5/28 • *Design / DELTA style / Room Temperature Controllers*: 6/23						
	Note: For Technical specifications, see ... — Section: *Technical Information / Room Temperature Controllers / Room temperature controllers, with 1 NC contact* — Page: 19/60						
 5TC9 201	**Room temperature controllers, 1 CO contact** • 1/N 230 V/240 V AC, 50 Hz, 10 A (4 A) • Normal version • For electric and warm water convectors, pumps and tank control • The temperature controller operates as two-position controller with thermal feedback • If the temperature on the bimetal increases and the setpoint value is reached, the NC contact (heating contact) switches off and the NO contact (cooling contact) closes • If the temperature on the bimetal sinks below the setpoint value minus the hysteresis, the NC contact switches back on	A	**5TC9 201**		1	1/100 units	024
	For tops see section: Page (ff.) • *Design / i-system / Room Temperature Controllers*: 1/31 • *Design / DELTA profil / Room Temperature Controllers*: 5/28 • *Design / DELTA style / Room Temperature Controllers*: 6/23						
	Note: For Technical specifications, see ... — Section: *Technical Information / Room Temperature Controllers / Room temperature controllers, with 1 CO contact* — Page: 19/60						
 5TC9 202	**Room temperature controllers, 3-position switch** • 1/N 230 V/240 V AC, 50 Hz, 10 A (4 A) • With 3-position switches: automatic timing, constant day temperature, constant nighttime reduction • For electric and warm water convectors, pumps and tank control • The S1 switch can be used to preselect between time/day and night to control temperature reduction • The temperature controller operates as two-position controller with thermal feedback • If the temperature on the bimetal increases and the setpoint value is reached, the NC contact (heating contact) switches off • If the temperature on the bimetal sinks below the setpoint value minus the hysteresis, the NC contact switches back on • Activation of the temperature reduction lowers the temperature range by approx. 5 K	A	**5TC9 202**		1	1 unit	024
	For tops see section: Page (ff.) • *Design / i-system / Room Temperature Controllers*: 1/31 • *Design / DELTA profil / Room Temperature Controllers*: 5/28 • *Design / DELTA style / Room Temperature Controllers*: 6/23						
	Note: For Technical specifications, see ... — Section: *Technical Information / Room Temperature Controllers / Room temperature controllers, 3-position switches* — Page: 19/61						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC9 203	**Room temperature controllers, direct floor heating** • With remote sensor • 1 N 230 V AC, 50 Hz, switching capacity 2.3 kW, 10 A (4 A) • Switch contact, NO contact • For controlling floor storage heating and electric floor heating with heat mats • The basic controller type comprises two parts: control device (for setting the required floor temperature) and remote sensor (in the floor for monitoring the set temperature) • The rotary button lets you set the required floor temperature. • If the temperature falls below the set value, the control device demands heat, which is also visually indicated by a red LED • A nighttime reduction can be activated over the connection (time switch), this is indicated by a green LED • The temperature reduction is approx. 5 °C	A	**5TC9 203**		1	1 unit	024

For tops see section	Page (ff.)
• *Design / i-system / Room Temperature Controllers*	1/31
• *Design / DELTA profil / Room Temperature Controllers*	5/28
• *Design / DELTA style / Room Temperature Controllers*	6/23

Note	Section	Page
For Technical specifications, see ...	*Technical Information / Room Temperature Controllers / Room temperature controllers, direct floor heating*	19/61

14

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Notes

© Siemens AG 2011

Data and Communication Systems

15



15/2 **Inserts**

15/7 **Inserts with cover plate**

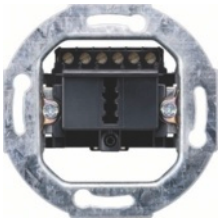
15/8 **Complete assemblies**

15/9 **m-system modules**

© Siemens AG 2011

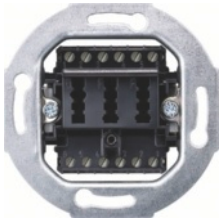
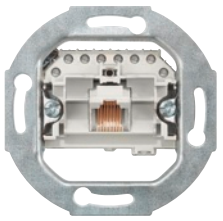
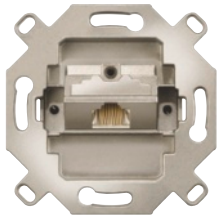
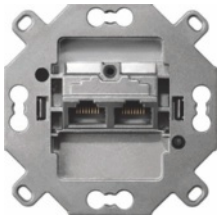
Inserts

Selection and ordering data

Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Inserts for TV/RF/SAT						
General information • For screw and claw fixing • Can be used with all international TV standards: B/G, D/K, I, L, M, CCIR/OIRT, PAL/SECAM/NTSC/Digital-TV • gap-free transition ranges at both outlets, i.e. any assignment possible with reverse channel and forward channel • Shielding EMC Class A to 300 MHz > 85 dB/2400 MHz > 55 dB						
 5TG2 485 **Aerial branch-circuit boxes** • For use in individual, party, broadband cable and satellite aerial systems • Signal range from 4 ... 2400 MHz • Transfers remote power supply (max. 24 V DC/500 mA) • Connection attenuation 2 ... 4 dB	A	**5TG2 485**		1	1/10 units	021
For tops see section						Page (ff.)
• *Design / i-system / TV/RF/SAT*						1/38
• *Design / DELTA natur/TV/RF/SAT*						7/12
• *Design / DELTA profil/TV/RF/SAT*						5/37
• *Design / DELTA style/TV/RF/SAT*						6/31
Note		Section				Page
For Technical specifications, see ...		*Technical Information / TV/RF/SAT / Aerial branch-circuit boxes*				19/66
 5TG2 484 **Aerial through-way boxes/terminal boxes** • For use in party, broadband cable and satellite aerial systems • Can be used as terminal box with terminating resistor 75 Ω (included in delivery) • Signal range from 4 ... 2400 MHz • Throughput attenuation 1.5 dB • Connection attenuation 15 dB	A	**5TG2 484**		1	1/10 units	021
For tops see section						Page (ff.)
• *Design / i-system / TV/RF/SAT*						1/38
• *Design / DELTA natur/TV/RF/SAT*						7/12
• *Design / DELTA profil/TV/RF/SAT*						5/37
• *Design / DELTA style/TV/RF/SAT*						6/31
Note		Section				Page
For Technical specifications, see ...		*Technical Information / TV/RF/SAT / Aerial through-way boxes/Terminal boxes*				19/66
Inserts for TAE outlet boxes						
General information • For screw and claw fixing • With screw terminals						
Note		Section				Page
For Technical specifications, see ...		*Technical Information / Communication / TAE outlet boxes*				19/65
 5TG2 853 **TAE 6F+N, black** • 6-pole • For one telephone, one additional device or one data terminal device	A	**5TG2 853**		1	1 unit	021
For tops see section						Page (ff.)
• *Design / i-system / Communication*						1/36
• *Design / DELTA natur/Communication*						7/11
• *Design / DELTA profil/Communication*						5/35
• *Design / DELTA style/Communication*						6/29
Note						
Version for Austria on request.						
 5TG2 480 **TAE 3x 6NFN, black** • 3 x 6-pole • For one telephone and two additional devices or data terminal equipment	A	**5TG2 480**		1	1 unit	021
For tops see section						Page (ff.)
• *Design / i-system / Communication*						1/36
• *Design / DELTA natur/Communication*						7/11
• *Design / DELTA profil/Communication*						5/35
• *Design / DELTA style/Communication*						6/29
Note						
Version for Austria on request.						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

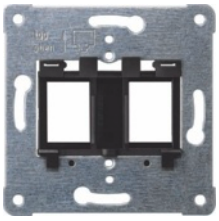
	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG2 854	**TAE 2x 6/6 NFF, black** • 3 x 6-pole • For two telephones and two additional devices or data terminal equipment	A	**5TG2 854**		1	1 unit	021
	For tops see section — Page (ff.) • *Design / i-system / Communication* — 1/36 • *Design / DELTA natur/Communication* — 7/11 • *Design / DELTA profil/Communication* — 5/35 • *Design / DELTA style/Communication* — 6/29						
	Note Version for Austria on request.						
 5TG2 855	**UAE 8/6/TAE 6F+N, black** • 2 x 6-pole with straight outlet • UAE: RJ 11/12, ISDN-capable Cat.3 • TAE: for one telephone, and one additional device or a data terminal device	A	**5TG2 855**		1	1 unit	021
	For tops see section — Page (ff.) • *Design / i-system / Communication* — 1/36 • *Design / DELTA natur/Communication* — 7/11 • *Design / DELTA profil/Communication* — 5/35 • *Design / DELTA style/Communication* — 6/29						
	Note Use a cover plate for TAE outlet box.						
Inserts for data and voice networks							
	General information • For installation in combination devices • With screw and claw fixing						
	Note — Section — Page For Technical specifications, see ... — *Technical Information / Communication / UAE outlet boxes* — 19/64						
 5TG2 417	**UAE outlet boxes, Cat.3, Rutenbeck** • With inclined outlet for RJ 11/12 and RJ 45 • With screw terminals • Unshielded • ISDN-capable						
	Versions						
	• 1 x 8-pole	A	**5TG2 417**		1	1 unit	021
	• 2 x 8-pole (8/8)	A	**5TG2 406**		1	1 unit	021
	For tops see section — Page (ff.) • *Design / i-system / Communication* — 1/36 • *Design / DELTA profil/Communication* — 5/35 • *Design / DELTA style/Communication* — 6/29						
 5TG2 418	**UAE outlet boxes, Cat.5e, Rutenbeck** • Band width 100 MHz • Transfer rate 155 Mbit/s • With inclined outlet for RJ 45 • LSA Plus connection method, shielded • Screw fixing only						
	Versions						
	• 1 x 8-pole	A	**5TG2 418**		1	1 unit	021
	• 2 x 8-pole (8/8)	A	**5TG2 407**		1	1 unit	021
	For tops see section — Page (ff.) • *Design / i-system / Communication* — 1/36 • *Design / DELTA profil/Communication* — 5/35 • *Design / DELTA style/Communication* — 6/29						
 5TG2 448	**UAE outlet boxes, real Cat.6a, Rutenbeck** • Power over Ethernet (PoE) compatible according to IEEE 802.3af • 10 Gbit-Ethernet compatible • Cable routing can be freely selected • Class E to 500 MHz, shielded • Complies with EN 50173-1:2003-06 Cat.6 and ISO/IEC 11801:2002 Cat.6 and ANSI/TIA/EIA-568-B • For channel installation, with inclined outlet for RJ45 • LSA Plus connection method • 2 x 8-pole (8/8)	A	**5TG2 448**		1	1 unit	021
	For tops see section — Page (ff.) • *Design / i-system / Communication* — 1/36 • *Design / DELTA natur/Communication* — 7/11 • *Design / DELTA profil/Communication* — 5/35 • *Design / DELTA style/Communication* — 6/29						

15

* You can order this quantity or a multiple thereof.

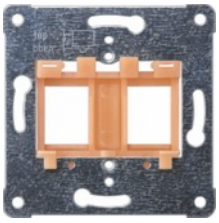
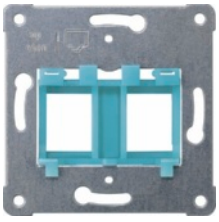
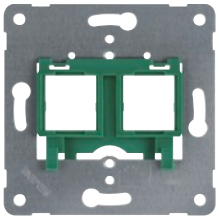
© Siemens AG 2011

Inserts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG2 078	**Modular Jack support plates, red insert** • Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors • For screw fixing • Mountable Jacks: - AMP/Tyco: 216000-2 216005-4 - Krone: MT-RJ socket 7023.1.303-xx Cat.6 socket STP 6830.1.312-xx Cat.6 socket UTP 6830.1.302-xx Cat.6 socket UTP 6380.1.800-xx Cat.6 socket UTP 6380.1.810-xx - Molex KSJ-00033-02/-04 NEW - Radiall R 280 MOD 802/803/804/805/807 - Siemon MX-K-C5-80-ND/-02 ND - Telegärtner Cat.6 J00029A0036 For tops see section / Page (ff.) • *Design / i-system / Communication* 1/36 • *Design / DELTA profil/Communication*[1)] 5/35 • *Design / DELTA style/Communication* 6/29 Note [1)] Cutout frames necessary.	A	**5TG2 078**		1	1 unit	021
 5TG2 080	**Modular Jack support plates, black insert** • Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors • For screw fixing • Mountable Jacks: - Leviton Type 41108, Cat.5 - Panduit Keystone: KJ 688 Txx, Cat.6 KJ 5e88 Txx,Cat.5e - Brand Rex GPC Jack F01 3LF For tops see section / Page (ff.) • *Design / i-system / Communication* 1/36 • *Design / DELTA profil/Communication*[1)] 5/35 • *Design / DELTA style/Communication* 6/29 Note [1)] Cutout frames necessary.	A	**5TG2 080**		1	1/10 units	021
 5TG2 081	**Modular Jack support plates, yellow insert** • Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors • For screw fixing • Mountable Jacks: - AMP/Tyco: 406372-x Cat.5 1116515-1 Cat.5e 1339015-1 Cat.5e 1375055-x Cat.6 1375187-x Cat.6 137188-1 Cat.6 1375189-1 Cat.5e 1375190-x Cat.5e 137191-x Cat.5e 1375192-x Cat.3 RJ11 1375193-x Cat.3 RJ11 1116604-x Cat.5e 1339189-x Cat.5e 188650-3 ... 6 338038-1 ... 4 1711342-1 NEW MTRJ127841-1 MTRJ127842-1 - ASYCO Cat.5e/6 SFTP - Kerpen E-Line 600 GG45 Cat.6 Keystone clip Nr. 9ZE20009 - Nexans LENmark-MJ with Keystone clip N429.620 For tops see section / Page (ff.) • *Design / i-system / Communication* 1/36 • *Design / DELTA profil/Communication*[1)] 5/35 • *Design / DELTA style/Communication* 6/29 Note [1)] Cutout frames necessary.	A	**5TG2 081**		1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

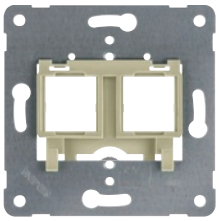
	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG2 082	**Modular Jack support plates, orange insert** • Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors • For screw fixing • Mountable Jacks: - Setec: SeSix 501244 UKJ 501292 - Rutenbeck 13900 300 - MMC: MK 6 NB MK 6 AN MK 6 FS - DANCHIEF 568 A/B, Cat.5 - Radiall R280 MOD 809 and MOD 811 - Hubbel HXJ 5 EBU and UTP - BTR UTP 130 A 10 I For tops see section / Page (ff.) • *Design / i-system / Communication* 1/36 • *Design / DELTA profil/Communication*[1)] 5/35 • *Design / DELTA style/Communication* 6/29 Note [1)] Cutout frames necessary.	A	**5TG2 082**		1	1 unit	021
 5TG2 083	**Modular Jack support plates, blue insert** • Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors • For screw fixing • Mountable Jacks: - Krone: Cat.5 socket STP 6540.1.154.xx UTP 6540.1.130.xx UTP 6540.1.100.xx For tops see section / Page (ff.) • *Design / i-system / Communication* 1/36 • *Design / DELTA profil/Communication*[1)] 5/35 • *Design / DELTA style/Communication* 6/29 Note [1)] Cutout frames necessary.	A	**5TG2 083**		1	1 unit	021
 5TG2 084	**Modular Jack support plates, brown insert** • Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors • For screw fixing • Mountable Jacks: Siemon MX6-FS For tops see section / Page (ff.) • *Design / i-system / Communication* 1/36 • *Design / DELTA profil/Communication*[1)] 5/35 • *Design / DELTA style/Communication* 6/29 Note [1)] Cutout frames necessary.	A	**5TG2 084**		1	1 unit	021
 5TG2 058	**Modular Jack support plates, green insert** • Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors • For screw fixing • Mountable Jacks: - AVAYA Anixter Systimax (Lucent Techn.): M11…en M100 (uitloop) MPS100E Cat.5 MPS200E + MGS 400 Cat.6 - Gigaspeed: X10D MGS500 NEW X10D MFP520 NEW - R&M: R30511, -2, -3 and -4 with adapter 310694 For tops see section / Page (ff.) • *Design / i-system / Communication* 1/36 • *Design / DELTA profil/Communication*[1)] 5/35 • *Design / DELTA style/Communication* 6/29 Note [1)] Cutout frames necessary.	A	**5TG2 058**		1	1 unit	021

15

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Inserts

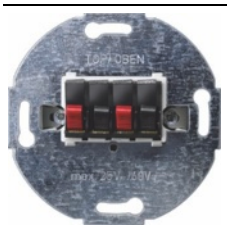
	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TG2 098	**Modular Jack support plates, beige insert** • Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors • For screw fixing • Mountable Jacks: - BTR: E-DAT module No.130910-I - Daetwyler: Unilan MS 1/8 Cat.6 (equivalent to BTR jack)	A	**5TG2 098**		1	1 unit	021
	For tops see section — Page (ff.) • *Design / i-system / Communication* — 1/36 • *Design / DELTA profil/Communication*[1] — 5/35 • *Design / DELTA style/Communication* — 6/29						
	Note [1] Cutout frames necessary.						
Inserts for fiber-optic outlet boxes from Telegärtner							
	Note The OAD/S and OAD fiber-optic outlet boxes with cover plate are compatible with the frames and intermediate frames of the DELTA line, DELTA vita and DELTA style design product ranges. The color titanium white (similar to RAL 9010) can be combined with Telegärtner's alpine white and the color electrical white (similar to RAL 1013) can be combined with Telegärtner's pearl white.						

15

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information						
	Note: Technical specifications for UAE outlet boxes, see ... → *Technical Information / Communication / UAE outlet boxes*, Page 19/64						
 5TG2 052	**Cover plates with D-subminiature connection, single** • In i-system design • For screw fixing • Plug-in connector with soldered connection						
	Versions						
	• 9-pole						
	- Titanium white (similar to RAL 9010)	A	**5TG2 052**		1	1 unit	021
	- Electrical white (RAL 1013)	A	**5TG2 040**		1	1 unit	021
	• 15-pole						
	- Titanium white (similar to RAL 9010)	A	**5TG2 053**		1	1 unit	021
	- Electrical white (RAL 1013)	A	**5TG2 041**		1	1 unit	021
	• 25-pole						
	- Titanium white (similar to RAL 9010)	A	**5TG2 054**		1	1 unit	021
	- Electrical white (RAL 1013)	A	**5TG2 042**		1	1 unit	021
 5TG2 068	**Cover plates, for BNC connection, double** • In i-system design • With socket contacts • For screw and claw fixing • Crimp connection • 75 Ω						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG2 068**		1	1 unit	021
	• Electrical white (RAL 1013)	A	**5TG2 067**		1	1 unit	021
 5TG2 467-2	**Loudspeaker outlet boxes, single** • Loudspeaker outlet box with plug-in terminals (with screw terminals at rear) • Polarity color coded • Also suitable as outlet box for protective extra-low voltages	A	**5TG2 467-2**		1	1 unit	021
	For tops see section		Page (ff.)				
	• *Design / i-system / Communication*		1/36				
	• *Design / DELTA natur/Communication*		7/11				
	• *Design / DELTA profil/Communication*		5/35				
	• *Design / DELTA style/Communication*		6/29				
	Technical specifications						
	• Rear screw terminals						
	- Solid Cu conductor: 10 mm²						
	- Flexible conductor with end sleeve: 6 mm²						
	• Front terminal						
	- Flexible Cu conductor without end sleeve: 6 mm²						
	- Highly flexible Cu conductor without end sleeve: 4 mm²						
	• Rated voltage: 25 V AC, 60 V DC						
 5TG2 468-2	**Loudspeaker outlet boxes, double** • Stereo loudspeaker outlet box with plug-in terminals (with screw terminals at rear) • Polarity color coded • Also suitable as outlet box for protective extra-low voltages	A	**5TG2 468-2**		1	1 unit	021
	For tops see section		Page (ff.)				
	• *Design / i-system / Communication*		1/36				
	• *Design / DELTA natur/Communication*		7/11				
	• *Design / DELTA profil/Communication*		5/35				
	• *Design / DELTA style/Communication*		6/29				
	Technical specifications						
	• Rear screw terminals						
	- Solid Cu conductor: 10 mm²						
	- Flexible conductor with end sleeve: 6 mm²						
	• Front terminal						
	- Flexible Cu conductor without end sleeve: 6 mm²						
	- Highly flexible Cu conductor without end sleeve: 4 mm²						
	• Rated voltage: 25 V AC, 60 V DC						

15

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Complete assemblies

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 060	**Flush-mounting radios** • For horizontal and vertical mounting • Degree of protection: IP20 • 230 V / 50 Hz • Anti-slip terminals up to 2.5 mm² • Not suitable for installation in multiple frames (triple to quintuple) • For installation in two flush-mounting boxes (i.e. instead of the original double socket outlet)						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TC1 060**		1	1 unit	024
	• Aluminum metallic (similar to RAL 9006)	A	**5TC1 061**		1	1 unit	024
	• Carbon metallic (similar to RAL 7016)	A	**5TC1 062**		1	1 unit	024
	Note						
	Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1060/all						
	Product features						
	• Can be mounted either horizontally or vertically due to rotating display module • Six freely programmable transmitter memories • Illuminated display (can be adjusted separately for ON/OFF mode) • Display of transmitter name over RDS signal • Display of time • Radio alarm clock with display of alarm time, if activated • Sleep timer (automatic switch-off after user-defined time) • Good sound quality due to high-quality loudspeaker • Secondary mode possible over motion detector • Secondary mode possible through use of pushbuttons or switches						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information						
	Note						
	All the modules shown here can be combined with the module carriers of the DELTA line, DELTA vita, DELTA miro, DELTA profil product ranges.						
 5TG9 874-1TW	**UAE outlet boxes, Cat.3** • Telephone socket outlet for modular system • Cat.3 RJ11/12 with shutter • LSA-Plus connection method • Can only be used with module carrier, 1M or 2M						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG9 874-1TW**		1	1/60 units	021
	• Aluminum metallic/silver (similar to RAL 9006)	A	**5TG9 874-1AM**		1	1 unit	021
	• Carbon metallic/anthracite (similar to RAL 7016)	A	**5TG9 874-1CM**		1	1 unit	021
	Note / Section / Page						
	• For module carriers for DELTA line, DELTA vita and DELTA miro, see ... *Design / m-system / Module carriers for DELTA line, DELTA vita and DELTA miro* 8/4						
	• Module carriers for DELTA profil, see ... *Design / m-system / Module carriers for DELTA profil* 8/5						
 5TG9 874-2TW	**UAE outlet boxes, Cat.5** • PC socket outlet for modular system • Cat.5 RJ45 with shutter • LSA-Plus connection method • Can only be used with module carrier, 1M or 2M • Titanium white (similar to RAL 9010)						
	Versions						
	• Titanium white (similar to RAL 9010)	A	**5TG9 874-2TW**		1	1/60 units	021
	• Aluminum metallic/silver (similar to RAL 9006)	A	**5TG9 874-2AM**		1	1 unit	021
	• Carbon metallic/anthracite (similar to RAL 7016)	A	**5TG9 874-2CM**		1	1 unit	021
	Note / Section / Page						
	• For module carriers for DELTA line, DELTA vita and DELTA miro, see ... *Design / m-system / Module carriers for DELTA line, DELTA vita and DELTA miro* 8/4						
	• Module carriers for DELTA profil, see ... *Design / m-system / Module carriers for DELTA profil* 8/5						

15

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Notes

© Siemens AG 2011

Remote Control Systems

16



GAMMA wave –
the Multifunctional Radio System
16/2 Introduction
16/5 Inserts
16/8 Complete assemblies

IR-64K
16/9 Complete assemblies

© Siemens AG 2011

GAMMA wave – the Multifunctional Radio System

Introduction

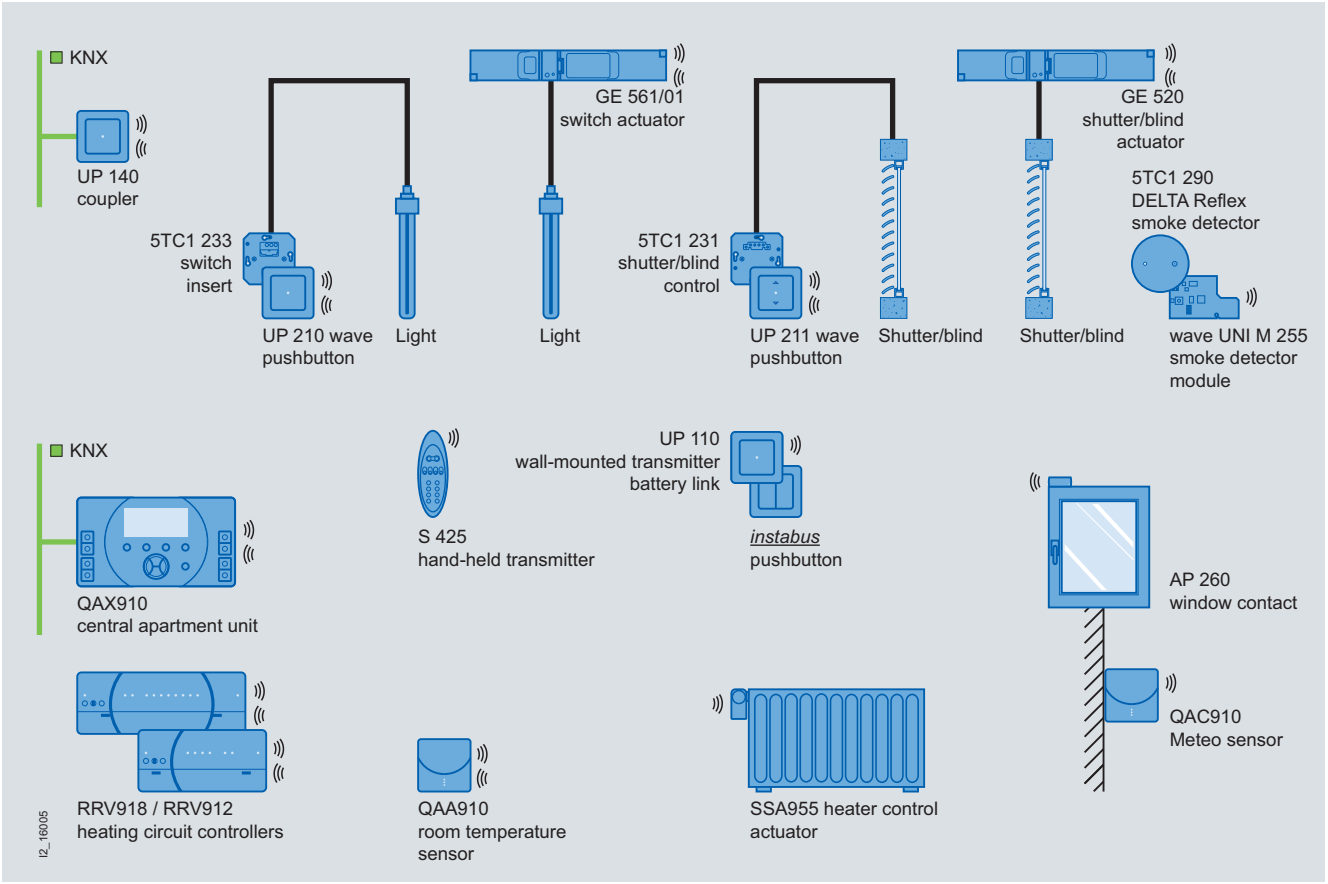
Overview

Enjoy all the advantages of a modern building management system without the need for additional cable installation – the new GAMMA wave radio system makes it possible.

Sensors, actuators, etc., do not require any additional cable installation. This means that this type of radio transmission is particularly suitable for renovation work, the expansion of existing systems and all types of new installations. And all complete with absolutely fail-safe and problem-free transmission.

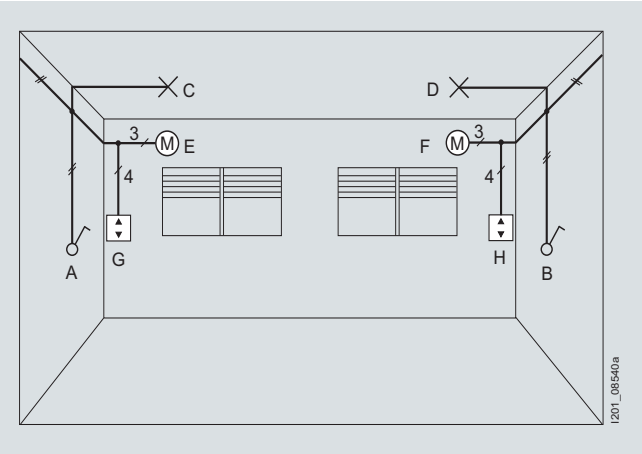
The main feature: GAMMA wave is a unique bi-directional radio system – this means that the products and components can be both transmitter and receiver.

What's more: GAMMA wave is based on the new, uniform standard for building management systems KNX in the 868 MHz range.



© Siemens AG 2011

Before: Lighting and shutter/blind control of a conventional installation



Example of a conventional installation with lighting and electrically operated shutters/blinds.

- Light (C) can only be switched with switch (A).
- Light (D) can only be switched with switch (B).
- Shutter/blind (E) can only be operated by switch (G).
- Shutter/blind (F) can only be operated by switch (H).

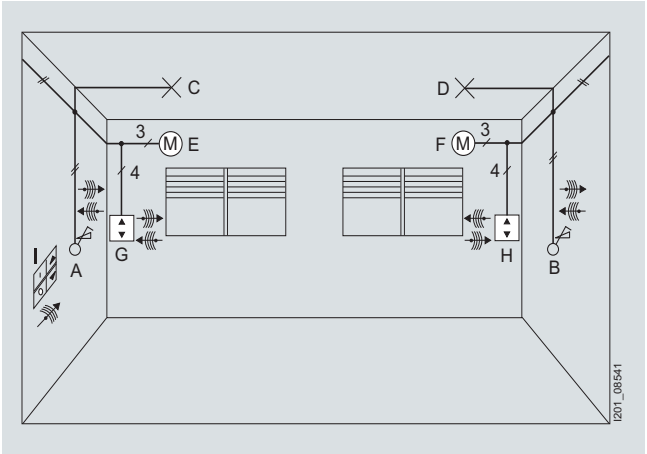
Benefits

- Standard technology

Disadvantages

- Inflexible
- No operational ease (each source must be operated separately).

After: Lighting and shutter/blind control with GAMMA wave ("bi-directional" radio system)



Modification of the installation for shared operation of lighting and shutters/blinds from various operating points.

Replacement of conventional switch inserts (A, B) with

- Universal dimmer sys inserts
- UP 210 wave pushbuttons

Replacement of conventional shutter/blind switches (G, H) with

- sys shutter/blind control inserts
- UP 211 wave shutter/blind pushbuttons

With this switch you can:

- Dim lights C and D from A and/or B
- Operate shutters/blinds E and F from G and/or H.

If you want to operate lights and shutters/blinds as well, you can also install a

- UP 110 (I) wall-mounted transmitter "Batterie" wave with a mounted
- *instabus* pushbutton, double

Benefits

- Flexible
- Greater operational ease
- Grouping option
- Fewer devices required/lower costs
- Simple and clean retrofitting – no structural alterations required.

© Siemens AG 2011

GAMMA wave – the Multifunctional Radio System

Introduction

Thanks to its use of state-of-the-art technology, the "wave" device range is ideally suited for the retrofitting and modification of room control functions in existing buildings.

These products offer simple installation and commissioning, thus enabling the wireless remote control of switching, dimming and shutter/blind/scene functions.

The system operates in the 868 MHz fail-safe frequency band that is reserved for safety and system applications. A sensor can control an unlimited number of actuators within its range (e.g. enclosed living unit), whereby each radio-linked actuator channel of up to 10 sensors can be operated in different groups.

As well as wave pushbuttons for lighting control and wave shutter/blind pushbutton for shutter/blind control, the range includes numerous wall-mounted transmitters, hand-held transmitters, door/window contacts and smoke detectors.

The wave and wave shutter/blind pushbuttons must be used in combination with the universal dimmer sys inserts or sys switching inserts and sys shutter/blind control inserts. This enables the local operation and remote control of the inserts contained in these product lines, as well as the remote control of additional KNX radio-linked universal dimmers or switching or sys shutter/blind control inserts.

The *instabus* pushbuttons (single or double) must be plugged into the wave wall-mounted transmitters as an operator interface. In accordance with their intended purpose, the pushbutton rockers enable remote control of the universal dimmer sys inserts, switching inserts or sys shutter/blind control inserts, which are equipped with wave pushbuttons.

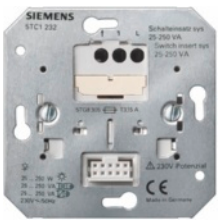
The inserts are fitted with fixing claws and have a maximum mounting depth of 32 mm. This greatly facilitates mounting standard flush-mounting switch boxes.

GAMMA wave device product range

	Operator interfaces				
	sys pushbuttons	UP 210 wave pushbuttons	sys shutter/blind pushbuttons	UP 211 wave shutter/blind pushbuttons	*instabus* pushbuttons, single, double
Inserts					
Universal dimmer sys inserts	✔	✔	--	--	--
sys switching inserts	--	✔	--	--	--
sys shutter/blind control inserts	--	--	✔	✔	--
UP 110 wall-mounted transmitter "Batterie" wave	--	--	--	--	✔
UP 110 wall-mounted transmitter 230 V wave	--	--	--	--	✔
UP 560 wall-mounted transmitter "Aktor" 230 V wave	--	--	--	--	✔

© Siemens AG 2011

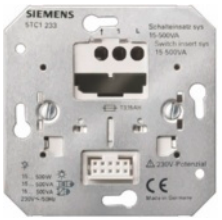
Selection and ordering data

	Version	DT	Order No.	Price € per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG3 141-2AB01	**UP 141 wave repeaters** • Radio transmitter/receiver • Sends on each correctly received radio telegram • For installation in flush-mounting switch boxes • A repeater is needed in large residential units or houses when radio telegrams are so weakened by walls, ceilings or furniture that an assigned receiver is no longer able to receive the telegrams properly • The repeater is powered from the 230 V supply • Modular width 71 mm • Mounting depth 32 mm • A blanking cover plate is used as the top	A	**5WG3 141-2AB01**		1	1 unit	030
	For tops see section — Page • *Design / i-system / Add-On Devices* — 1/41 • *Design / DELTA profil/Add-On Devices* — 5/39 • *Design / DELTA style/Add-On Devices* — 6/34						
 5WG3 110-2AB11	**UP 110 wall-mounted transmitter 230 V wave** • Radio transmitter for the wireless operation of room functions • For installation in flush-mounting switch boxes • An *instabus* KNX/EIB single or double pushbutton is plugged on as operator interface and connected to the insert by means of a 10-pole plug-in connection • The following functions can be parameterized: switching, dimming, shutter/blind and scene • The wall-mounted transmitter is powered from the 230 V supply • Modular width 71 mm • Mounting depth 32 mm	B	**5WG3 110-2AB11**		1	1 unit	030
	For tops see section — Page • *Design / DELTA profil/GAMMA instabus* — 5/29 • *Design / DELTA style/GAMMA instabus* — 6/24						
 5WG3 110-2AB01	**UP 110 wave wall-mounted transmitter "Batterie"** • Radio transmitter for the wireless operation of room functions • For installation in flush-mounting switch boxes • An *instabus* KNX/EIB single or double pushbutton is plugged on as operator interface and connected to the insert by means of a 10-pole plug-in connection • The following functions can be parameterized: switching, dimming, shutter/blind and scene • The wall-mounted transmitter is powered by a 1/2 AA 3.6 V lithium battery • Modular width 71 mm • Mounting depth 24 mm	A	**5WG3 110-2AB01**		1	1 unit	030
	For tops see section — Page • *Design / DELTA profil/GAMMA instabus* — 5/29 • *Design / DELTA style/GAMMA instabus* — 6/24						
 5TC1 232	**sys switching inserts, 25 to 250 VA** • The sys switching insert is a flush-mounting device for switching different electrical consumers, such as - Incandescent lamps - HV halogen lamps - LV halogen lamps with conventional transformer - LV halogen lamps with electronic transformer • It is operated by means of the *UP 210 wave pushbutton*	A	**5TC1 232**		1	1 unit	024
	For tops see section — Page • *Design / i-system / Switches and Pushbuttons* — 1/6 • *Design / DELTA profil/Switches and Pushbuttons* — 5/8 • *Design / DELTA style/Switches and Pushbuttons* — 6/6						
	Product features • 2-wire connection method • Spare fuse at the fuse holder • Overload protection (thermal release) • Extension unit operation over conventional pushbuttons without glow lamps						
	Technical specifications • Short-circuit protection by miniature fuse — T 3.15 A H 250 V • Number of extension units — Unlimited • Extension unit cable (total) — Max. 100 m • Rated voltage — 230 V AC/50 Hz • Connected load - Incandescent lamp rating — 25 ... 250 W - Conventional transformers — 25 ... 250 W - Electronic transformers — 25 ... 250 W						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Inserts

	Version	DT	Order No.	Price € per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 233	**sys switching inserts, 15 to 500 VA** • The sys switching insert is a flush-mounting device for switching different electrical consumers, such as - Incandescent lamps - HV halogen lamps - LV halogen lamps with conventional transformer - LV halogen lamps with electronic transformer • It is operated by means of the *UP 210 wave pushbutton* For tops see section / Page • *Design / i-system / Switches and Pushbuttons* 1/6 • *Design / DELTA profil/Switches and Pushbuttons* 5/8 • *Design / DELTA style/Switches and Pushbuttons* 6/6 Product features • 2-wire connection method • Spare fuse at the fuse holder • Overload protection (thermal release) • Extension unit operation over conventional pushbuttons without glow lamps Technical specifications • Short-circuit protection by miniature fuse: T 3.15 A H 250 V • Number of extension units: Unlimited • Extension unit cable (total): Max. 100 m • Rated voltage: 230 V AC/50 Hz • Connected load - Incandescent lamp rating: 15 ... 500 W - Conventional transformers (except toroidal-core transformers): 15 ... 500 W - Toroidal-core transformers: 15 ... 250 W	A	**5TC1 233**		1	1 unit	024
 5WG3 560-2AB01	**UP 560 wave wall-mounted transmitter "Aktor" 230 V** • Radio transmitter for the wireless operation of room functions, which is also equipped with a switch actuator for 230 V / 6 A • For installation in flush-mounting switch boxes • An *instabus* KNX/EIB single or double pushbutton is plugged on as operator interface and connected to the insert by means of a 10-pole plug-in connection • The following functions can be parameterized: switching, dimming, shutter/blind and scene • As an additional function, the switch actuator can be operated as a timer with an adjustable delay time in the range from 1 ... 60 min • 6 A rated current for resistive load at 230 V AC • Modular width 71 mm • Mounting depth 32 mm For tops see section / Page • *Design / DELTA profil/GAMMA instabus* 5/29 • *Design / DELTA style/GAMMA instabus* 6/24	A	**5WG3 560-2AB01**		1	1 unit	030
 5TC1 230	**Universal dimmer sys inserts** • Flush-mounting insert for switching and dimming different electronic loads • It is operated by means of the *sys pushbutton* or *UP 210 wave pushbutton* • For claw and screw fixing • screw terminals • 2-wire connection method • Automatic load detection • Soft start extends lamp life • Storing and switching on at one brightness value • Memory value retained even after power failure • Electronic short-circuit protection and overtemperature protection • On elimination of the short-circuit/cooling, automatic return to normal mode • Extension unit operation over conventional pushbuttons • Number of extension units: Unlimited • Rated voltage: 230 V AC, 50 Hz • Connected load, incandescent lamp rating: 50 ... 420 W • Connected load of conventional transformers: 50 ... 420 VA • Connected load of electronic transformers: 70 ... 420 VA • Only mixed loads between incandescent lamp ratings and electronic transformers are permissible. Symbol / For tops see section / Page (ff.) R, L, C — *Design / i-system* / Dimmers 1/26; *Design / DELTA profil*/Dimmers 5/22; *Design / DELTA style*/Dimmers 6/19 Note / Section / Page For Technical specifications, see ... / *Technical Information / Dimmers / Universal dimmer sys inserts* / 19/19	A	**5TC1 230**		1	1 unit	024

16

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price € per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 231	**sys shutter/blind control inserts** • For controlling a shutter/blind motor with mechanical or electronic limit switches • Flush-mounting devices • Operation is by means of *sys shutter/blind pushbuttons* and *UP 211 wave shutter/blind pushbuttons*	A	**5TC1 231**		1	1 unit	024
	Product features						
	• 2 relays which are interlocked against each other with a minimum switchover time of 1 s • Group and central controls through combination of several shutter/ blind control sys inserts • The "wind alarm" safety function can be implemented through the UP extension unit input • Multiphase operation possible (i.e. different phases at the main and secondary branches) • Bridging of voltage interruptions less than 0.2 s • Conventional shutter/blind pushbuttons (5TA2 114) or switches (5TA2 154) can be connected over secondary inputs • Number of extension units: Unlimited • Rated voltage: 230 V AC, 50 Hz (N conductor required) • Connected load: max. 1 motor up to 1000 VA						
	For tops see section	Page (ff.)					
	• *Design / i-system / Shutter/Blind Controls* • *Design / DELTA profil/Shutter/Blind Controls* • *Design / DELTA style/Shutter/Blind Controls*	1/21 5/18 6/16					
	Note / Section / Page						
	For Technical specifications, see ... / *Technical Information / Shutter/Blind Controls / sys shutter/ blind control inserts* / 19/51						

16

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Complete assemblies

Selection and ordering data

	Version	DT	Order No.	Price € per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG3 260-3AB11	**AP 260 wave door/window contacts** • Surface-mounted device with integrated radio transmitter which detects the opening and closing of windows and doors and wirelessly signals the condition • In addition to an integrated reed relay contact, which is triggered by means of a magnet fitted to the window, it is also possible to connect one or more conventional window contacts in series • Powered by a lithium battery (1/2 AA 3.6 V); a battery is supplied with the device • 87 mm x 36 mm x 27 mm						
	Versions						
	• Titanium white	A	**5WG3 260-3AB11**		1	1 unit	030
	• Brown	B	**5WG3 260-3AB81**		1	1 unit	030
 5WG3 261-3AB11	**AP 261 wave binary inputs** • Radio transmitter with a sensor channel, designed as surface-mounted device • As well as the integrated reed contact, which transmits switching commands over radio when the binary input opens and closes, it is also possible to connect an external contact. • Used together with UP 210 wave pushbuttons and UP 560 wave wall-mounted transmitter "Aktor" 230 V, these switching commands (ON/OFF) allow control of all switchable actuators, such as sys inserts or universal dimmer sys inserts. • Powered by a lithium battery (1/2 AA 3.6 V); a battery is supplied with the device • 87 mm x 36 mm x 27 mm • Titanium white	A	**5WG3 261-3AB11**		1	1 unit	030
 5WG3 425-7AB21	**S 425 wave hand-held transmitters** • 17-channel radio transmitter for the wireless operation of 16 different room functions that can be triggered by means of 4 pushbutton pairs and 4 preselect pushbuttons • For better clarity there is also a separate pushbutton pair for a central function • The following functions can be parameterized: switching, dimming, shutter/blind and scene • Powered by two batteries (LR03/AAA 1.5 V), batteries supplied with the device						
	Versions						
	• Black	B	**5WG3 425-7AB21**		1	1 unit	030
	• Silver	B	**5WG3 425-7AB71**		1	1 unit	030
 5WG3 564-7AB11	**S 564 wave socket outlet switches** • Titanium white • With socket outlet and integrated switch actuator • With relay contact designed for 230 V AC, 16 A (resistive load) • With KNX radio transmitter/receiver for 868 MHz for the remote control of the switch actuator • With pushbutton for local operation and commissioning; no additional aids needed • With LED for displaying switching state • For plugging into a SCHUKO® socket outlet • Powered over socket outlet • Dimensions (HxWxD): 128 x 72 x 74 mm	A	**5WG3 564-7AB11**		1	1 unit	030
 5WG3 520-4AB01	**GE 520 wave switch actuators** • 6 A, 1 x 230 V AC	A	**5WG3 520-4AB01**		1	1 unit	030
 5WG3 561-4AB01	**GE 561/01 wave switch actuators** • 2 x 16 A	A	**5WG3 561-4AB01**		1	1 unit	030
 5WG3 561-4AB11	**GE 561/11 wave switch actuators** • 2 x 16 A • With EnOcean receiver	A	**5WG3 561-4AB11**		1	1 unit	030

16

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Overview



Applications

Industry

- Test bays
- Mining
- Mechanical engineering systems
- Elevators
- Traveling trolleys
- Crane systems
- Loading equipment
- Lifting platforms

Non-residential buildings

- Sound studio applications
- Rotor aerials
- Screens
- Multimedia shows
- Lecture rooms

Outdoor areas

- Residential areas
- Stadiums
- Sports grounds
- Sports equipment (automatic shooting facilities, ball throwing machines)
- Swimming pools (lighting, covering)

Special applications

- Installation in damp locations
- Call systems in catering premises
- Customized IR controls

Modern infrared technology offers a wide range of applications, as well as ease of operation, security and lower costs during installation. Not only does it enhance and improve well-known technologies, it also offers greater warmth, flexibility and comfort in the workplace. The modular design and handling of the system is uncomplicated and also offers maximum insensitivity to interference during transmission of the control signals through infrared light.

The IR-64K infrared remote control system uses this technology. The system offers a broad range of unit combinations and expansion options for many fields of application. The IR-64K system is a module and device system for all kinds of remote control based on infrared technology with ranges of up to 50 m. There are none of the usual interferences, thanks to the high propagation rate. The 9-bit pulse code modulation (PCM) used in the IR-64K system has an extremely high interference immunity against other remote control systems, such as ultrasonic or radio.

The IR-64K system covers the entire range of IR applications. The product range comprises hand-held transmitters that can be encoded with up to 64 channels, receiver preamplifiers, decoders, circuit breakers with 4 or 8 outputs and corresponding power supply units. The range is rounded off with compact systems with up to 8 switching functions. The modules enable problem-free setup of remote controls for simple switching functions through to complex applications. The modules are suitable for installation in devices and systems, for external mounting and as device accessories.

The system devices and modules have the BZT registration number G105 376C/IW.

Combination options

The components can be used in any combination, your choice depends largely on the type of application and local conditions.

© Siemens AG 2011

Complete assemblies

Hand-held transmitters

The hand-held transmitters vary in design, the number of push-buttons and the type of command encoding.

Receiver preamplifiers

The receiver preamplifiers can be operated on all decoders and compact systems of the IR-64K system. In order to ensure selection of the correct preamplifier, it is important to take the reception, installation, operating and environmental conditions into consideration.

Decoders

The decoders vary in design, number of receiver preamplifier inputs, type of signal outputs and operational voltage. All modules can be encoded using the DIL switch.

Further expansion modules are also available which allow extension of the system to up to 64 channels.

Power electronics assemblies

To increase the switching capacity at the outputs of the decoder and the expansion module, a range of power electronics assemblies are available, which vary in their switching capacity, number of outputs and operational voltage.

Compact systems

In the compact systems, all key components are combined in a single enclosure and on a single module. They comprise decoders, power supply units and power outputs with potential-free changeover contacts.

Power supply units

The modules are powered by the power supply units. They supply a controlled voltage of 12 V at a load of 500 mA or 1.0 A.

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	General information						
	Note: Section: Page						
	For Technical specifications, see ... : *Technical Information / Remote controls / IR-64K* : 19/68						
 5TC6 107	**Mini hand-held transmitters, 4-channel** • IP30 • Dimensions: 73 mm x 43.5 mm x 18.5 mm high • 256 commands can be coded for each pushbutton	C	**5TC6 107**		1	1 unit	024
 5TC6 117	**Hand-held transmitters, 2-channel** • IP30 • Dimensions: 155 mm x 40 mm, 22.5 mm high • 256 commands can be coded for each pushbutton Note: Replacement for 5TC6 100	C	**5TC6 117**		1	1 unit	024
 5TC6 118	**Hand-held transmitters, 4-channel** • IP30 • Dimensions: 155 mm x 40 mm, 22.5 mm high • 256 commands can be coded for each pushbutton • Can be coded for use as replacement transmitter for INFRAFERN Note: Replacement for 5TC6 190 and 5TC6 101	C	**5TC6 118**		1	1 unit	024

16

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC6 120	**Hand-held transmitters, 8-channel** • IP30 • Dimensions: 155 mm x 40 mm, 22.5 mm high • 256 commands can be coded for each pushbutton • Can be coded for use as replacement transmitter for INFRAFERN Note Replacement for 5TC6 191 and 5TC6 102	C	**5TC6 120**		1	1 unit	024
 5TC6 900	**Wall-mounting brackets for "hand-held transmitters" and "spare hand-held transmitters"** Note Wall-mounting brackets can be used for the following hand-held transmitters: • 5TC6 100 • 5TC6 101 • 5TC6 102 • 5TC6 103 • 5TC6 117 • 5TC6 118 • 5TC6 120 • 5TC6 121 • 5TC6 190 • 5TC6 191	C	**5TC6 900**		1	1 unit	024
 5TC6 114	**Industrial hand-held transmitters, 2-channel** • IP54 • 256 commands can be coded for each pushbutton • Dimensions: 157 mm x 63 mm, 23 mm high Note Replacement for 5TC6 110	C	**5TC6 114**		1	1 unit	024
 5TC6 115	**Industrial hand-held transmitters, 4-channel** • IP54 • 256 commands can be coded for each pushbutton • Dimensions: 157 mm x 63 mm, 23 mm high Note Replacement for 5TC6 111	C	**5TC6 115**		1	1 unit	024
 5TC6 116	**Industrial hand-held transmitters, 8-channel** • IP54 • 256 commands can be coded for each pushbutton • Dimensions: 157 mm x 63 mm, 23 mm high Note Replacement for 5TC6 112	C	**5TC6 116**		1	1 unit	024

16

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

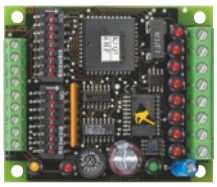
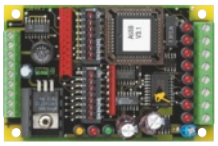
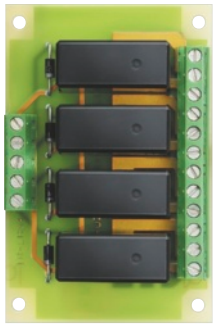
Complete assemblies

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC6 200	**Receiver preamplifiers, reception lens on front, metal enclosure** IP20	C	**5TC6 200**		1	1 unit	024
 5TC6 201	**Receiver preamplifiers, reception lens on side, metal enclosure** IP20	C	**5TC6 201**		1	1 unit	024
 5TC6 202	**Receiver preamplifiers, focussing lens on front, metal enclosure** IP30	C	**5TC6 202**		1	1 unit	024
 5TC6 203	**Receiver preamplifiers, focussing lens on side, metal enclosure** IP30	C	**5TC6 203**		1	1 unit	024
 5TC6 204	**Receiver preamplifiers, focussing lens on front, molded** IP65	C	**5TC6 204**		1	1 unit	024

16

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

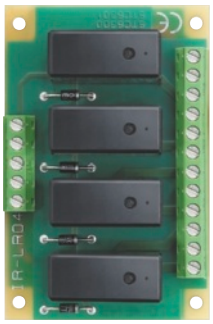
	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC6 205	**Receiver preamplifiers, focussing lens on side, molded** IP65	C	**5TC6 205**		1	1 unit	024
 5TC6 250	**Decoders, 8-channel** 12 V DC	C	**5TC6 250**		1	1 unit	024
 5TC6 251	**Decoders, 8-channel, expandable** • 12 V DC / 24 V DC • Maximum four 5TC6 252 expansion modules can be operated with one decoder	C	**5TC6 251**		1	1 unit	024
 5TC6 252	**Expansion modules, for "decoder, 8-channel expandable"** 16-channel, 10 to 28 V DC	C	**5TC6 252**		1	1 unit	024
 5TC6 300	**Circuit breakers, 4 inputs/outputs, 12 V DC** 16 A	C	**5TC6 300**		1	1 unit	024

16

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Complete assemblies

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC6 301	**Circuit breakers, 4 inputs/outputs, 24 V DC** 16 A	C	**5TC6 301**		1	1 unit	024
 5TC6 330	**Plug-in power supply unit** • 230 V AC / 12 V DC, 0.5 A • With Euro connector • Dimensions: 64 mm x 95 mm x 46 mm	C	**5TC6 330**		1	1 unit	024
 5TC6 331	**Power supply units** • 230 V AC / 12 V DC, 1 A • For wall mounting • Dimensions: 79 mm x 149 mm x 63 mm	C	**5TC6 331**		1	1 unit	024
 5TC6 380	**Compact systems, 8-channel** • 230 V AC, 50 Hz, IP65 • With power supply units • Without receiver preamplifiers • 4 preamplifier inputs, 8 power relay outputs • Expansion to more than 8 channels • Through parallel switching of 5TC6 380 • Dimensions: 115 mm x 325 mm x 250 mm	C	**5TC6 380**		1	1 unit	024
 5TC6 383	**Compact systems, 2-channel** • 230 V AC, 50 Hz, IP65 • With power supply units • Without receiver preamplifiers • 2 preamplifier inputs, 2 power relay outputs • Expansion to 4 channels • Through parallel switching of 5TC6 383 • Dimensions: 62 mm x 168 mm x 123 mm	C	**5TC6 383**		1	1 unit	024

16

* You can order this quantity or a multiple thereof.

© Siemens AG 2011



© Siemens AG 2011

Smoke detectors

Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 290	**DELTA reflex smoke detectors "Batterie"** • The smoke detector detects smoke from fires and gives early warning. • In addition to using the smoke detector on its own, it is also possible to network up to 40 smoke detectors of the same make using a two-wire cable • The smoke detector can also be equipped with a plug-in smoke detector module "Relais" for external alarm sensors (e.g. a horn, flashing light) or a unidirectional plug-in DELTA reflex wave uni smoke detector module for radio transmission (GAMMA wave) • Titanium white (similar to RAL 9010)	A	**5TC1 290**		1	1 unit	024
	Technical specifications • Power supply: 3 x 1.5 V alkaline mignon, AA batteries, Service life typically 5 years • Networking: Up to 40 smoke detectors of the same type with 2-wire cable, e.g. J-Y(St)Y 2 x 2 x 0.6 mm, total cable length up to 400 m • Signaling: Acoustic signal transducer: horn > 85 dB(A), Optical indicator: red LED • Temperature range: 0 ... +50 °C • Dimensions (Ø x H): 120 mm x 44 mm • Mounting: Surface mounting with or without spacer • Degree of protection: IP30 • Approvals: VdS approval acc. to EN 14604 10/05						
	Note • The smoke detector can be equipped with a plug-in relay or radio module. • Download the operating and mounting instructions from: http://support.automation.siemens.com/ww/view/en/5tc1290/all						
 5TC1 295	**DELTA reflex SD9 smoke detectors** • Battery operated smoke detector with VdS certification (stand-alone device) • The smoke detector detects smoke from fires and gives early warning. • 30 day battery change display • Battery compartment check • Test button for function test • Titanium white (similar to RAL 9010)	A	**5TC1 295**		1	1 unit	024
	Technical specifications • Power supply: 9 V alkaline battery (included in delivery) • Signaling: Acoustic signal transducer: horn > 85 dB(A), Optical indicator: red LED • Temperature range: 0 .... +50 °C • Dimensions (Ø x H): 111 mm x 40 mm • Mounting: Surface mounting • Approvals: VdS approval acc. to EN 14604 10/05						
 5TC1 298	**DELTA reflex SD9L smoke detectors** • Battery operated smoke detector with VdS certification (stand-alone device) • The smoke detector detects smoke from fires and gives early warning. • 30 day battery change display • Battery compartment check • Test button for function test • Lithium battery with a service life of up to ten years included in delivery • Titanium white (similar to RAL 9010)	A	**5TC1 298**		1	1 unit	024
	Technical specifications • Power supply: 9-V lithium battery Ultralife U9VL-J • Signaling: Acoustic signal transducer: horn > 85 dB(A), Optical indicator: red LED • Temperature range: 0 … +50 °C • Dimensions (∅ x H): 111 mm x 40 mm • Mounting: Surface mounting • Approvals: VdS approval acc. to EN 14604 10/05						

17

* You can order this quantity or a multiple thereof.

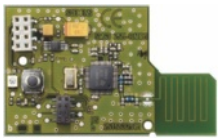
© Siemens AG 2011

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5TC1 296	**DELTA reflex SD230N smoke detectors** • 230 V-operated smoke detector incl. 9 V backup battery with VdS certification (suitable for networking) • The smoke detector detects smoke from fires and gives early warning. • As well as using the smoke detector on its own, it is also possible to network up to 38 smoke detectors of the same type • Battery change display for 30 days • Battery compartment check • Test button for function test • Titanium white (similar to RAL 9010)	A	**5TC1 296**		1	1 unit	024
	Technical specifications						
	• Power supply: 230 V AC and 9 V alkaline backup battery (included in delivery) • Networking: Up to 38 smoke detectors of the same type • Signaling: Acoustic signal transducer: horn > 85 dB(A) Optical indicator: red LED • Temperature range: 0 .... +50 °C • Dimensions (Ø x H): 111 mm x 40 mm • Mounting: Surface mounting with or without surface-mounting box (see accessories) • Degree of protection: IP20 • Approvals: VdS certification acc. to EN 14604 10/05						
 5TC1 297	**Outlet boxes for "DELTA reflex SD230N smoke detectors"** • Surface-mounting box for SD230N smoke detector • Dimensions: 93 mm x 27 mm • The outlet box is required if no flush-mounting box to hold the 230 V connector is provided • Titanium white (similar to RAL 9010)	A	**5TC1 297**		1	1 unit	024
 5TC1 291	**DELTA reflex smoke detector modules "Relais"** • The DELTA reflex smoke detector "Batterie" can also be equipped with a relay module • The relay module enables the operation of alarm devices such as horns, sirens, warning lights etc. or connection to the GAMMA *instabus* building management systems • The potential-free changeover contact (NC contact and NO contact) can also be used to set up closed-circuit protection (alarm loops with NC contact) • The contacts of the relay are configured through a triple plug-in terminal • The relay module is powered (3 to 5 V) through the interface of the smoke detector	A	**5TC1 291**		1	1 unit	024
	Technical specifications						
	• Operational voltage: 3 ... 5 V • Relay switching voltage: Max. 30 V DC / 42 V AC • Relay switching current: Max. 1 A DC / 0.5 A AC • Relay contacts: Changeover contact (NC and NO contacts) • Terminals: Max. 0.6 mm Ø • Mounting: Can only be used in the DELTA reflex smoke detector "Batterie" • Connection: Using 8-pole plug connector						
	Note						
	The externally connected signaling devices must have their own power supply.						

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Smoke detectors

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG3 255-8AB01	**DELTA reflex M 255 wave uni smoke detector modules** • The unidirectional DELTA reflex M 255 wave uni smoke detector module is a radio module for inserting in the DELTA reflex smoke detector "Batterie" • In addition to the local alarm raised at the smoke detector itself, a radio-transmitted smoke alarm can be relayed in addition via the wave/*instabus* UP 140 coupler • The battery status of the smoke detector can also be transmitted over radio • The DELTA reflex wave smoke detector module is powered through the smoke detector	A	**5WG3 255-8AB01**		1	1 unit	030

Technical specifications

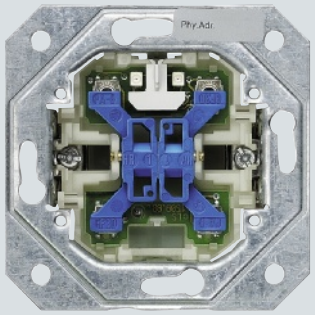
• Operational voltage	3 ... 5 V
• Power supply	Through the DELTA reflex smoke detector "Batterie"
• Frequency band	868 MHz
• Radio range	Approx. 100 m in an open area; meets the KNX standard
• Temperature range	0 ... +50 °C
• Mounting	May only be used in DELTA reflex smoke detectors
• Connection	Using 8-pole plug connector

Note

The DELTA reflex wave smoke detector module is put into operation using a pushbutton fitted to the module; no additional aids are needed.

* You can order this quantity or a multiple thereof.

© Siemens AG 2011



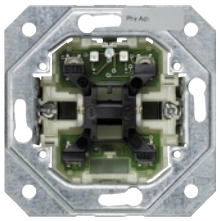
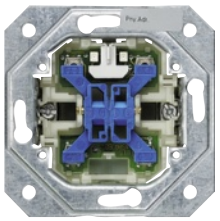
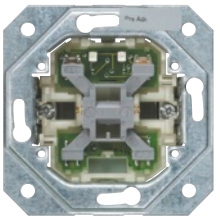
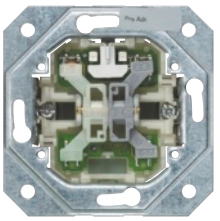
18/2 **Inserts**

18/3 **Accessories**

© Siemens AG 2011

Inserts

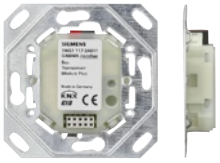
Selection and ordering data

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 116-2AB01	**DELTA UP 116 bus coupling units, center position, single** • Without user interface • With screw and claw fixing For tops see section — Page (ff.) • *Design / DELTA profil/Shutter/Blind Controls* 5/18 • *Design / DELTA profil/Switches and Pushbuttons* 5/8 • *Design / DELTA style/Shutter/Blind Controls* 6/16 • *Design / DELTA style/Switches and Pushbuttons* 6/6 • *Design / i-system / Shutter/Blind Controls* 1/21 • *Design / i-system / Switches and Pushbuttons* 1/6 • *Design / DELTA natur/Shutter/Blind Controls* 7/9 • *Design / DELTA natur/Switches and Pushbuttons* 7/6	A	**5WG1 116-2AB01**		1	1 unit	030
 5WG1 116-2AB11	**DELTA UP 116 bus coupling units, center position, double** • Without user interface • With screw and claw fixing For tops see section — Page (ff.) • *Design / DELTA profil/Shutter/Blind Controls* 5/18 • *Design / DELTA profil/Switches and Pushbuttons* 5/8 • *Design / DELTA style/Shutter/Blind Controls* 6/16 • *Design / DELTA style/Switches and Pushbuttons* 6/6 • *Design / i-system / Shutter/Blind Controls* 1/21 • *Design / i-system / Switches and Pushbuttons* 1/6 • *Design / DELTA natur/Shutter/Blind Controls* 7/9 • *Design / DELTA natur/Switches and Pushbuttons* 7/6	A	**5WG1 116-2AB11**		1	1 unit	030
 5WG1 116-2AB21	**DELTA UP 116 bus coupling units, pushbutton position, single** • Without user interface • With screw and claw fixing For tops see section — Page (ff.) • *Design / DELTA profil/Shutter/Blind Controls* 5/18 • *Design / DELTA profil/Switches and Pushbuttons* 5/8 • *Design / DELTA style/Shutter/Blind Controls* 6/16 • *Design / DELTA style/Switches and Pushbuttons* 6/6 • *Design / i-system / Shutter/Blind Controls* 1/21 • *Design / i-system / Switches and Pushbuttons* 1/6 • *Design / DELTA natur/Shutter/Blind Controls* 7/9 • *Design / DELTA natur/Switches and Pushbuttons* 7/6	A	**5WG1 116-2AB21**		1	1 unit	030
 5WG1 116-2AB31	**DELTA UP 116 bus coupling units, pushbutton position, double** • Without user interface • With screw and claw fixing For tops see section — Page (ff.) • *Design / DELTA profil/Shutter/Blind Controls* 5/18 • *Design / DELTA profil/Switches and Pushbuttons* 5/8 • *Design / DELTA style/Shutter/Blind Controls* 6/16 • *Design / DELTA style/Switches and Pushbuttons* 6/6 • *Design / i-system / Shutter/Blind Controls* 1/21 • *Design / i-system / Switches and Pushbuttons* 1/6 • *Design / DELTA natur/Shutter/Blind Controls* 7/9 • *Design / DELTA natur/Switches and Pushbuttons* 7/6	A	**5WG1 116-2AB31**		1	1 unit	030
 5WG1 110-2AB03	**UP 110/03 bus coupling units, mounting depth 27 mm, with BCU1** • Modular width: 71 mm • With user interface • With screw fixing For tops see section — Page (ff.) • *Design / DELTA profil / GAMMA instabus* 5/29 • *Design / DELTA style / GAMMA instabus* 6/24 • *Design / i-system / GAMMA instabus* 1/32	A	**5WG1 110-2AB03**		1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Inserts

	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 110-2AB11	**UP 110/11 bus coupling units, mounting depth 19 mm, with BCU1** • Modular width: 71 mm • With user interface • With screw and claw fixing For tops see section / Page (ff.) • *Design / DELTA profil / GAMMA instabus* 5/29 • *Design / DELTA style / GAMMA instabus* 6/24 • *Design / i-system / GAMMA instabus* 1/32	A	**5WG1 110-2AB11**		1	1 unit	030
 5WG1 114-2AB02	**UP 114/02 bus coupling units, with BCU2** • Modular width: 71 mm • Mounting depth: 16 mm • With screw fixing • With user interface For tops see section / Page (ff.) • *Design / DELTA profil / GAMMA instabus* 5/29 • *Design / DELTA style / GAMMA instabus* 6/24 • *Design / i-system / GAMMA instabus* 1/32	A	**5WG1 114-2AB02**		1	1 unit	030
 5WG1 117-2AB11	**Bus coupling units (BTM) UP 117/11** • Mounting depth 16 mm • Screw fixing For tops see section / Page (ff.) • *Design / DELTA profil / GAMMA instabus* 5/29 • *Design / DELTA style / GAMMA instabus* 6/24 • *Design / i-system / GAMMA instabus* 1/32	A	**5WG1 117-2AB11**		1	1 unit	030

Accessories

Selection and ordering data

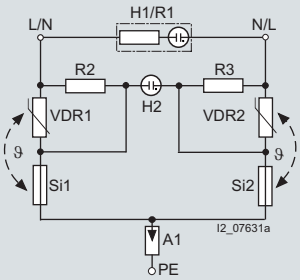
	Version	DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 5WG1 294-8AB01	**Fixing clips** • Supports the use of the antitheft screws of bus terminals, such as push-buttons, room temperature controllers etc., on bus coupling units with claw fixing • 2 fixing clips are needed per bus coupling unit	B	**5WG1 294-8AB01**		1	10 units	030
 5WG1 196-2AB01	**UP 196 paint covers**	B	**5WG1 196-2AB01**		1	10 units	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Notes

© Siemens AG 2011



19/2 General
19/4 Dimensional drawings
19/7 Switches and pushbuttons
19/14 Socket outlets
19/16 Dimmers
19/31 Motion detectors
19/46 Shutter/blind controls
19/60 Room temperature controllers
19/63 Communication
19/66 TV/RF/SAT
19/67 m-system
19/67 International plug-and-socket devices
19/68 Remote controls

© Siemens AG 2011

Degrees of protection

Overview

IP degrees of protection according to DIN VDE 0470 Part 1, EN 60529, IEC 529

The degree of protection is indicated by the two code letters IP (International Protection) followed by two code numbers, which denote the degree of protection according to the two tables shown below.

If only one code number for the degree of protection is specified after the IP (often the case on installation material), an X replaces the omitted code number, e.g. IPX4 or IP6X. The term for the complete identification symbol (code letter and protection level code number) is "degree of protection".

The first code number (see table) indicates

- That the enclosure protects persons against direct contact, whereby the ingress of a body part, or an object held by a person, is prevented or limited, and
- That the enclosure also ensures that equipment is protected against the ingress of hard foreign objects.

First code number	Product brief	Definition
0	Not protected	--
1	Protected against contact with dangerous parts with the back of a hand	The access probe, ball 50 mm diameter, must have sufficient distance from dangerous parts
	Protected against hard foreign objects more than 50 mm in diameter	Limited ingress of object probe, ball 50 mm diameter[1)]
2	Protected against contact with dangerous parts with fingers	The jointed test finger, 12 mm diameter, 80 mm in length, must have sufficient distance from dangerous parts
	Protected against hard foreign objects more than 12,5 mm in diameter	Limited ingress of object probe, ball 12.5 mm diameter[1)]
3	Protected against contact with dangerous parts with tools	No ingress at all of access probe, 2,5 mm diameter
	Protected against hard foreign objects more than 2,5 mm in diameter	No ingress at all of object probe, 2,5 mm diameter[1)]
4	Protected against contact with dangerous parts with a wire	No ingress at all of access probe, 1.0 mm diameter
	Protected against hard foreign objects more than 1.0 mm in diameter	No ingress at all of object probe, 1.0 mm diameter[1)]
5	Protected against contact with dangerous parts with a wire	No ingress at all of access probe, 1.0 mm diameter
	Dust-protected	The ingress of dust cannot be completely prevented, but limited ingress that will not affect reliable operation of the device or interfere with safety
6	Protected against contact with dangerous parts with a wire	No ingress at all of access probe, 1.0 mm diameter
	Dust-proof	No ingress of dust

[1)] The full diameter of the object probe must not pass through an opening of the enclosure.

The second code number (see table) specifies the degree of protection offered by the enclosure with regard to damage to equipment due to the ingress of water.

Second code number	Product brief	Definition
0	Not protected	--
1	Drip-proof	Vertically falling drops must not have any damaging effects
2	Drip-proof, if the enclosure is inclined up to 15° from normal position	Vertically falling drops must not have any damaging effect if the enclosure is tilted at an angle of up to 15° either side of the vertical
3	Protected against splashwater	Sprays up to 60° on both sides of the vertical must not cause any damage
4	Protected against splashwater	Water sprayed against the enclosure from all direction must not cause any damage
5	Protected against jet-water	Low pressure jets of water against the enclosure from all direction must not cause any damage
6	Protected against heavy jet-water	Strong jets of water against the enclosure from all direction must not cause any damage
7	Protected against the effects of temporary immersion in water	Water must not ingress to a degree that damage is caused when the enclosure is immersed in water under standardized pressure and timed periods under conditions to be agreed between the manufacturer and user.
8	Protected against the effects of continual submersion in water	Water must not ingress to a degree that damage is caused when the enclosure is immersed in water under conditions to be agreed between the manufacturer and user. However, the conditions must be more difficult than for the code number 7

© Siemens AG 2011

Overview

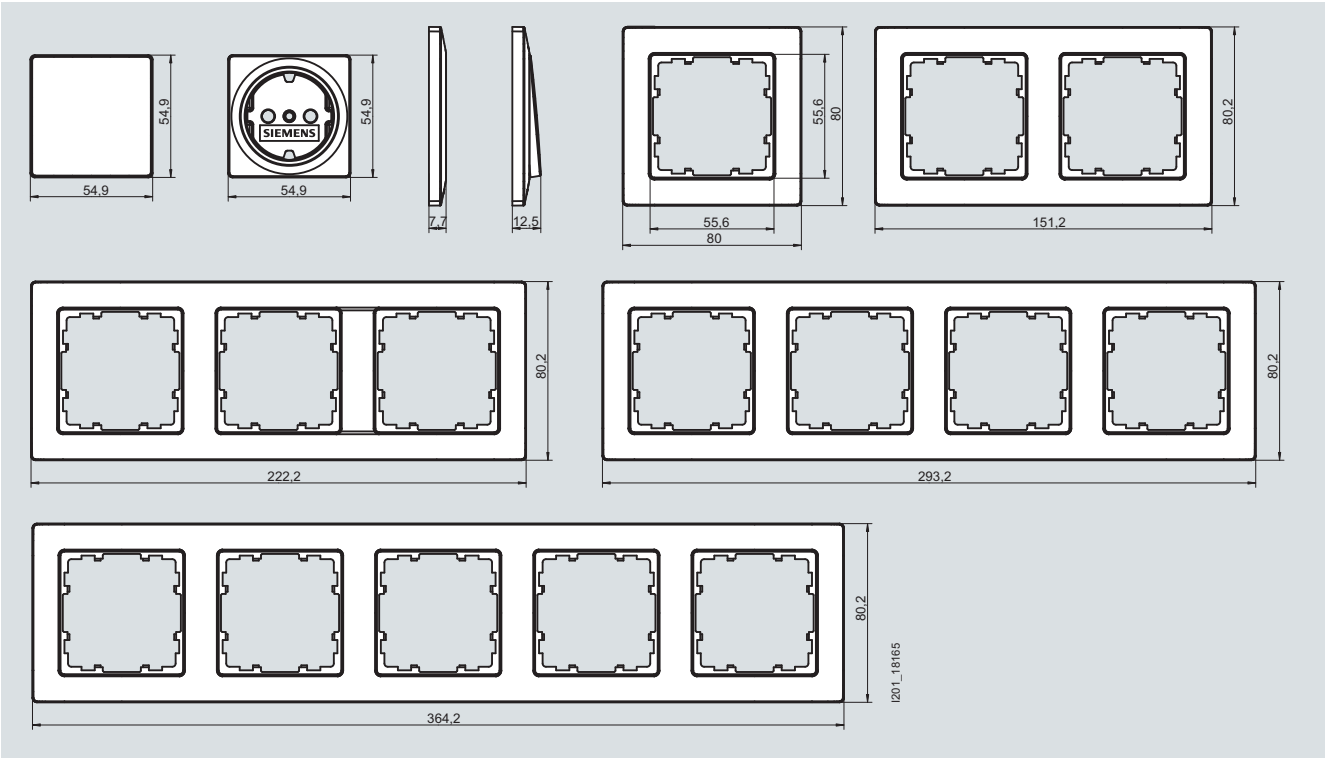
	Approval mark for Germany (Verband Deutscher Elektrotechniker - Association of German Electrical Engineers)
	Approval mark for Switzerland
	Approval mark for the Netherlands
	Approval mark for Canada
	Approval mark for USA
	Total insulation, Safety Class II
IP44	Protection against foreign bodies and splashwater
IP55	Dust-protected, protection against foreign objects and jet-water
IP66	Dust-proof, protection against foreign objects and strong jet-water
	Suitable for harsh operating conditions according to DIN 49441
	Incandescent lamps
	Low-voltage halogen lamps
	High-voltage halogen lamps
	Fluorescent lamps
	Conventional transformers
	Electronic transformers
SV (AEV)	Safety power supply (diesel generator set DIN VDE 0107)
ZSV (BEV)	Additional safety power supply (battery-supported DIN VDE 0107)
WSV (BEV)	Other safety power supply.
	Registered trademark of the SCHUKO-Warenzeichenverband e. V.
	Fire-retarding according to DIN VDE 0606, corresponds to the guidelines of the Verband der Sachversicherer (Association of Property Insurers) for mounting on wood
	Can be installed in cavity walls
	Can be installed in furniture
EIB	Registered trademark of the European Installation Bus Association, Brussels

© Siemens AG 2011

Dimensional Drawings

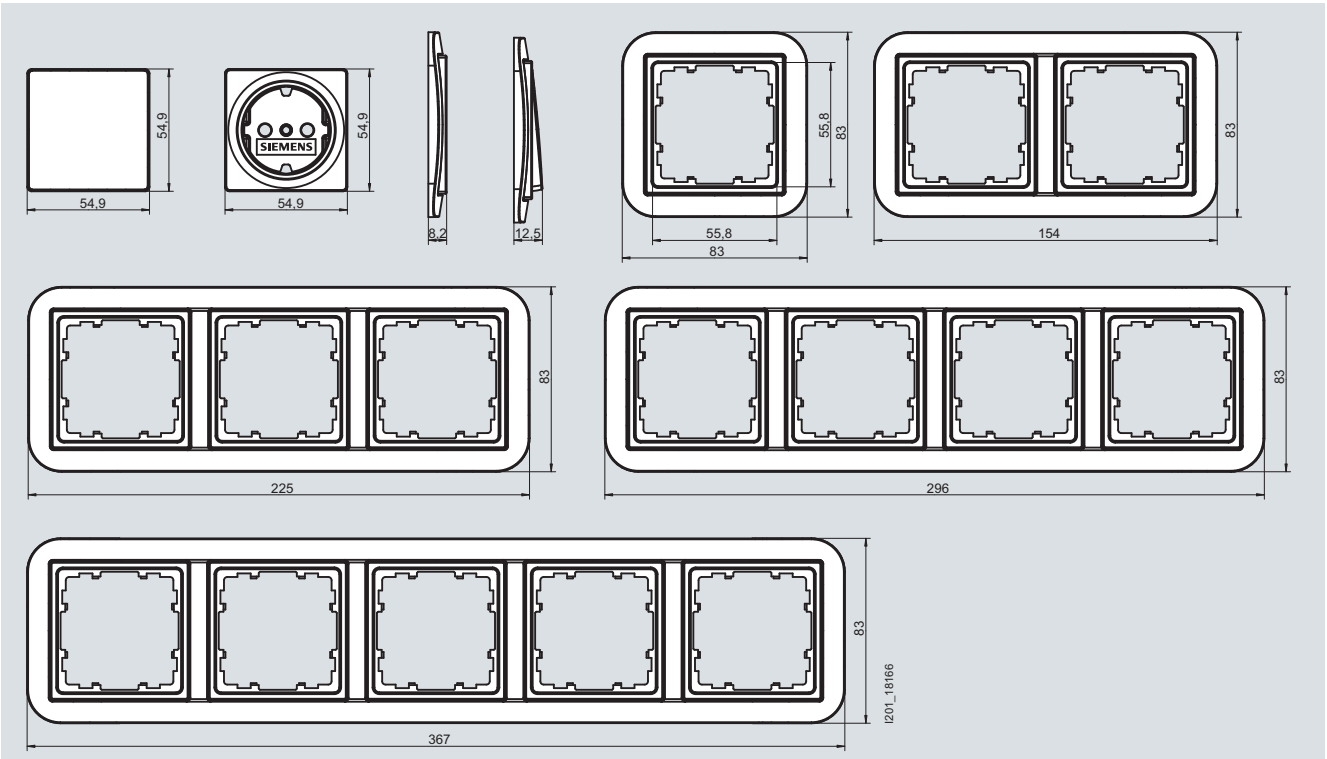
DELTA line

Dimensional drawings



DELTA vita

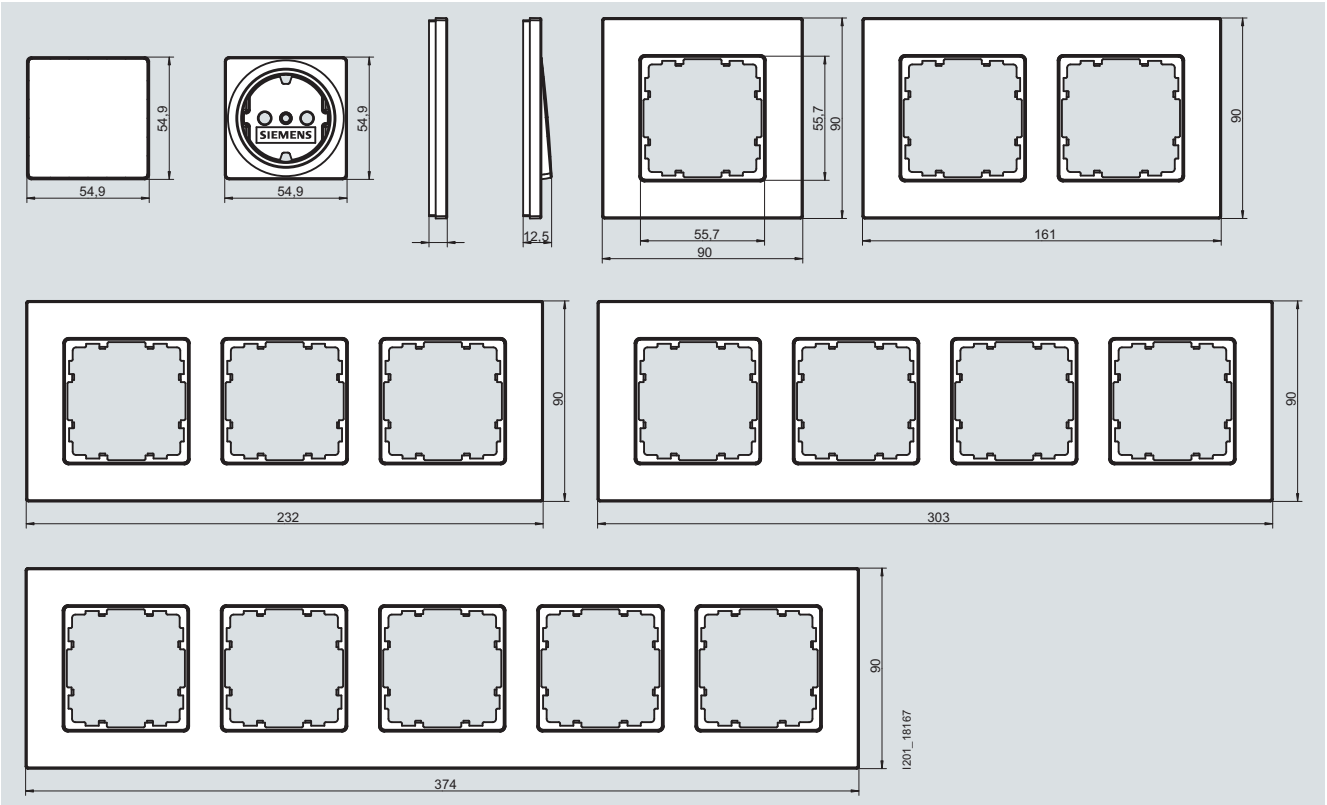
Dimensional drawings



© Siemens AG 2011

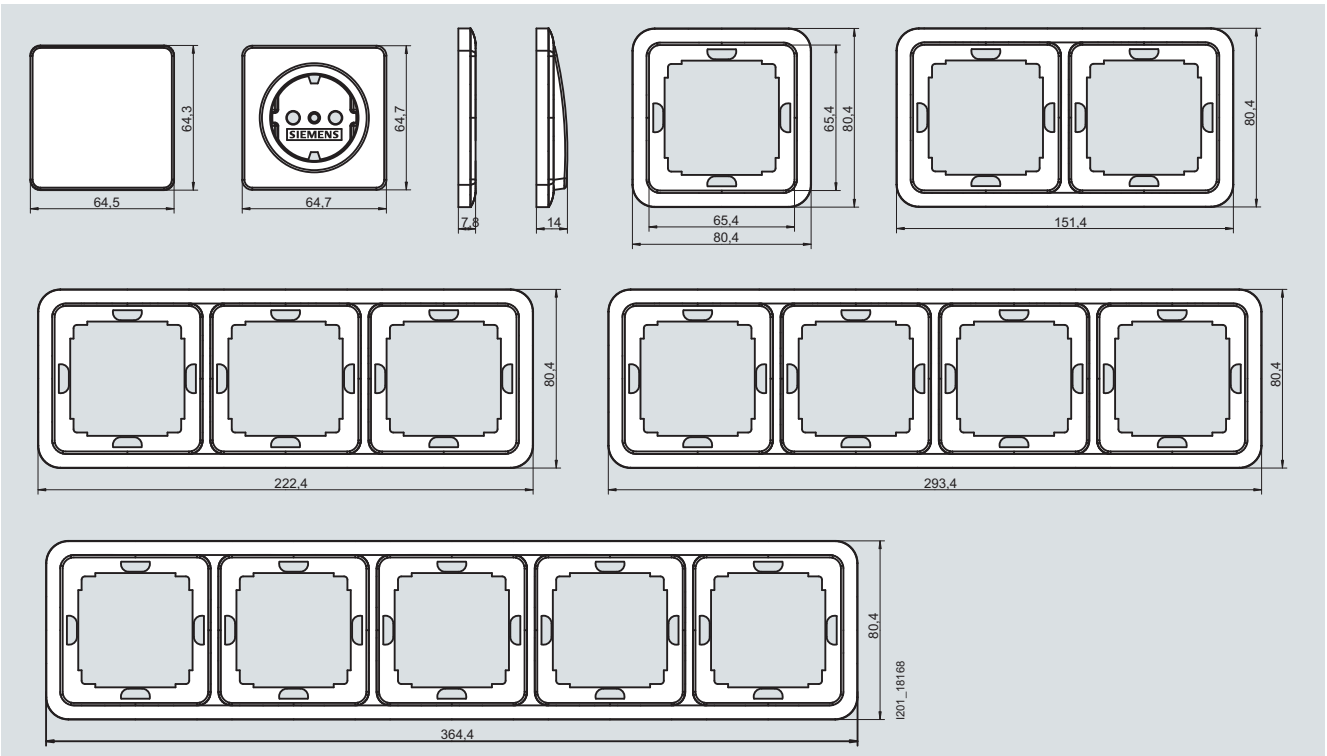
DELTA miro

Dimensional drawings



DELTA profil

Dimensional drawings

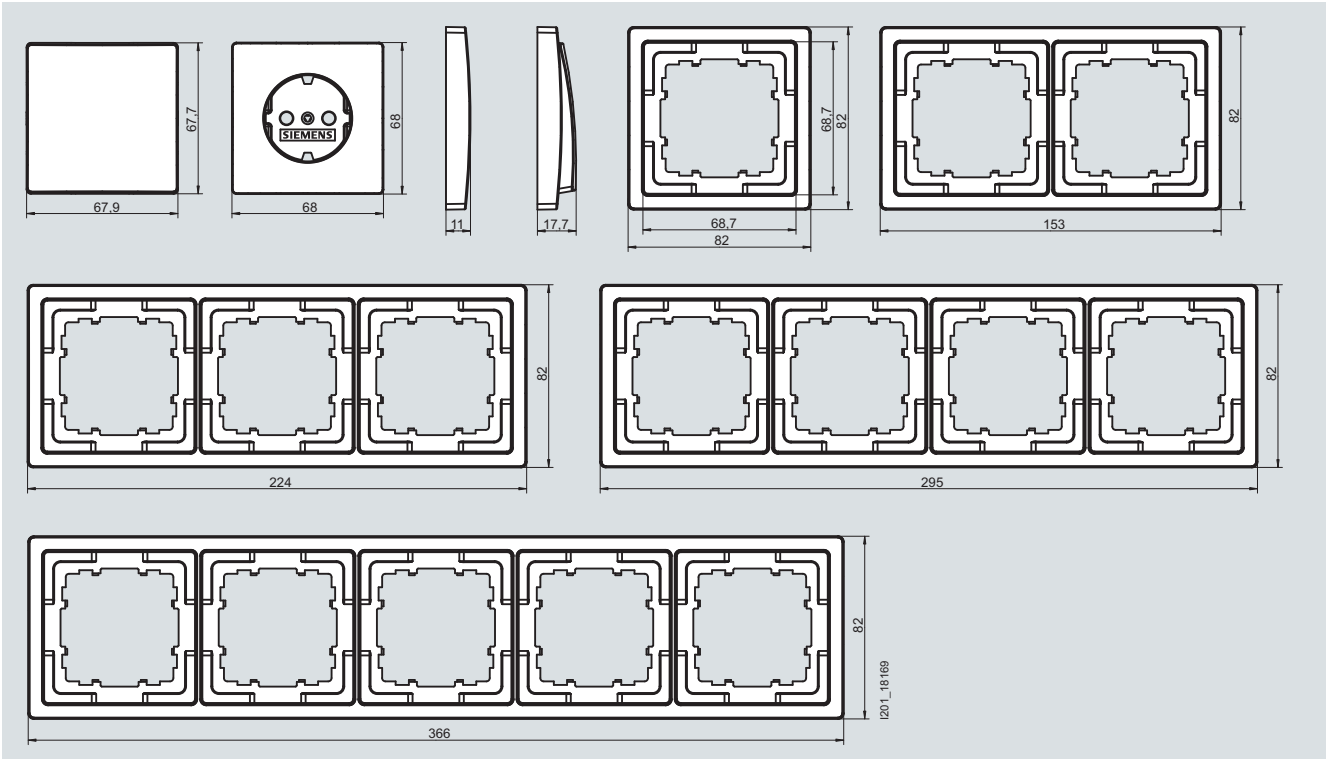


© Siemens AG 2011

Dimensional Drawings

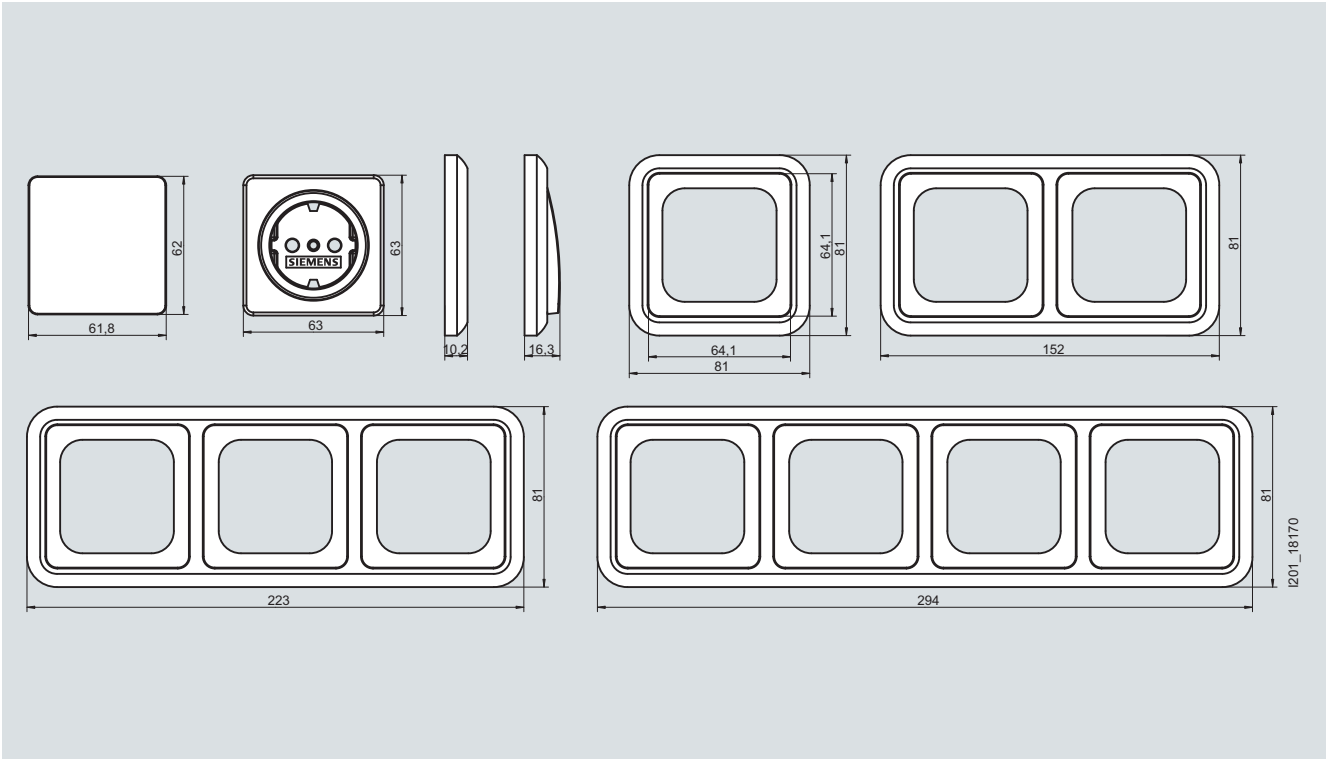
DELTA style

Dimensional drawings



DELTA natur

Dimensional drawings



© Siemens AG 2011

Overview

Maximum permissible lamp loads for switch inserts

Number of operations: 50000

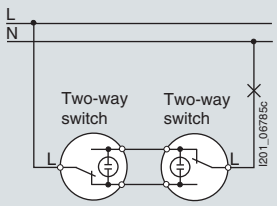
Type of lamp	Connection method	Power per lamp	Number
Incandescent lamps		100 W	12
Fluorescent lamps[1)]	Uncorrected	36 W	22
		58 W	14
	Parallel p.f. corrected	36 W	38
		58 W	25
	DUO circuit	36 W	21 x 2
		58 W	14 x 2
	ECG[2)]	36 W	26
		58 W	18
		2 x 36 W	12
		2 x 58 W	9

[1)] Incandescent lamps were cooled during the test.

[2)] OSRAM ECGs.

Schematics

Glow lamps/LED light inserts for orientation



Order No. of insert: 5TA2 156

Order No. of glow lamp: 5TG7 332

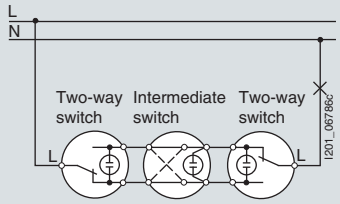
Order No. of LED light inserts: see section *Switching/Pushbutton Control/Dimming / Accessories and spare parts* (page 10/19)

© Siemens AG 2011

Intermediate switches (5TA2 117)

Schematics

Glow lamps/LED light inserts for orientation



Order No. of inserts:
5TA2 156/5TA2 117/5TA2 156

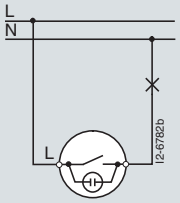
Order No. of glow lamp: 5TG7 332

Order No. of LED light inserts: see section *Switching/Pushbutton Control/Dimming / Accessories and spare parts* (page 10/19)

ON/OFF switches, 1-pole, (5TA2 151)

Schematics

Glow lamps/LED light inserts for orientation



Order No. of insert: 5TA2 151

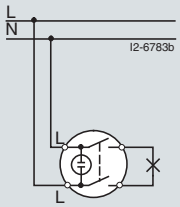
Order No. of glow lamp: 5TG7 332

Order No. of LED light inserts: see section *Switching/Pushbutton Control/Dimming / Accessories and spare parts* (page 10/19)

ON/OFF switches, 2-pole

Schematics

Glow lamps/LED light inserts for orientation

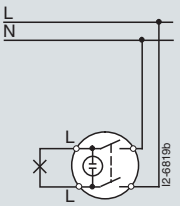


Order No. of insert:
5TA2 112, 10 A and 5TA2 162, 16 A

Order No. of glow lamp: 5TG7 332

Order No. of LED light inserts: see section *Switching/Pushbutton Control/Dimming / Accessories and spare parts* (page 10/19)

Glow lamps/LED light inserts for control



Order No. of inserts:
5TA2 112, 10 A and 5TA2 162, 16 A

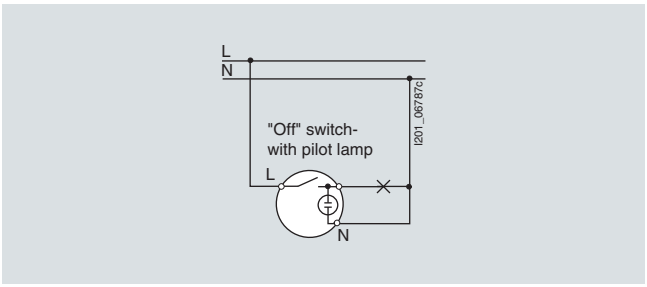
Order No. of glow lamp: 5TG7 332

Order No. of LED light inserts: see section *Switching/Pushbutton Control/Dimming / Accessories and spare parts* (page 10/19)

© Siemens AG 2011

Switches with pilot lamp for ON/OFF switching (5TA2 150)

Schematics

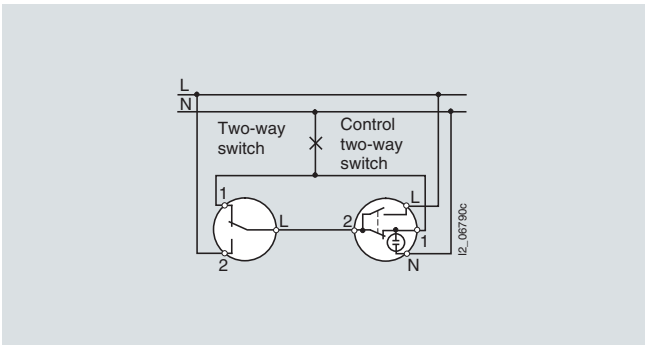


Order no. for insert including illuminants: 5TA2 150

Switches with pilot lamp for two-way switching (5TA2 108)

Schematics

Control two-way circuit with 1 two-way switch and 1 control two-way switch

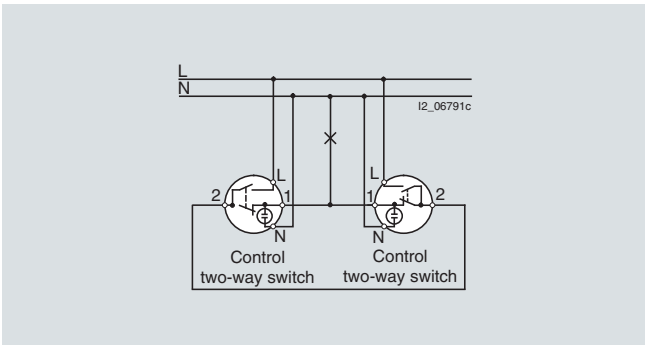


Order No. of inserts:

- 5TA2 156 (two-way switch)
- 5TA2 108 (control two-way switch)

5TA2 108 insert including illuminants

Control two-way circuit with 2 control two-way switches



Order No. of insert:
5TA2 108 (control two-way switch)

5TA2 108 insert including illuminants

© Siemens AG 2011

Delay timers

Technical specifications

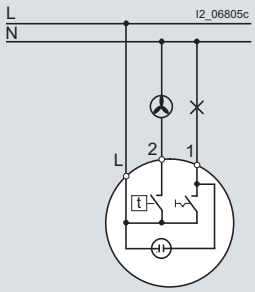
Operational voltage	230 V AC ± 10 %
Rated current	6 A
Mains frequency	40 … 60 Hz
Main circuit	See section *Switches / Maximum permissible lamp load for switch inserts* (see page 19/7)
Delay circuit • Fan • Delay time	 200 VA 0.5 … 15 min
Ambient temperature	–10 … +45 °C
Spare fuse	T 1.6 A; 250 V

Schematics

Function of the delay timer

The lighting and fan are switched on simultaneously. Once the lighting is switched off, the fan continues running for the time set at the delay timer after which it switches off automatically.

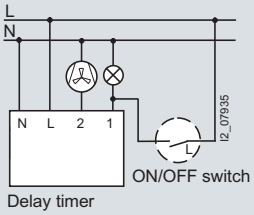
Installation in flush-mounting switch boxes



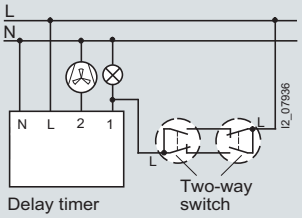
Order No. of insert: 5TT1 210

Order No. of spare fuses: 5TG8 302

Installation in flush-mounting branching boxes



Basic circuit



Two-way switching

Order No. of insert: 5TT1 211

Order No. of spare fuses: 5TG8 302

ON/OFF switch or two-way switch required

© Siemens AG 2011

Timers (5TT1 200)

Overview

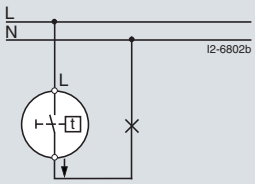
The electric flush-mounting timer can be used to replace an ON/OFF switch. Control with parallel pushbuttons not possible. The connections can be reversed without influencing the function of the switch. No connection required for neutral conductor (N). Can be reset to full time setting.

Technical specifications

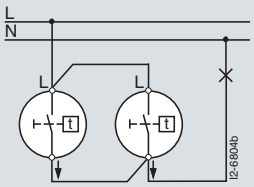
Operational voltage	230 V AC ± 10 %
Mains frequency	40 … 60 Hz
Time setting	1 … 6 min
Incandescent lamp rating	200 W
Ambient temperature	–10 … +45 °C
Spare fuse • Order number • Type	 5TG8 302 T 1.6 A, 250 V

Schematics

Basic circuit

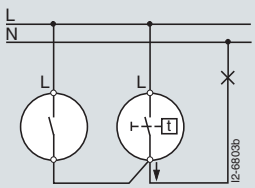


Application in an existing two-way circuit



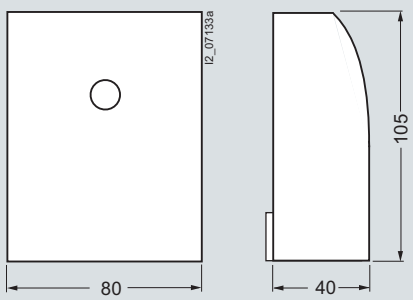
Only suitable for incandescent lamps.

Application parallel to an ON/OFF switch



Dusk switches (5TT3 303)

Dimensional drawings

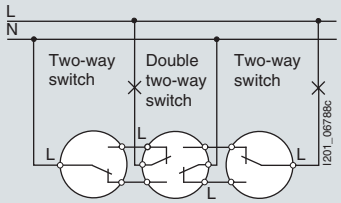


© Siemens AG 2011

Double two-way switches (5TA2 118)

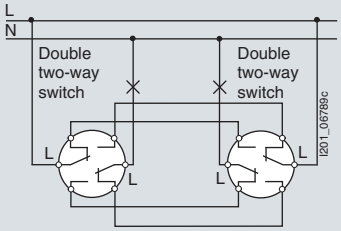
Schematics

Double two-way circuit



Order No. of inserts: 5TA2 156 / 5TA2 118 / 5TA2 156

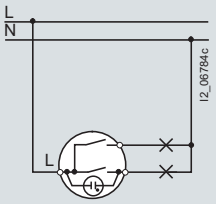
Double two-way circuit with two double two-way switches



Order No. of inserts: 5TA2 118/5TA2 118

Two-circuit switches (5TA2 155)

Schematics



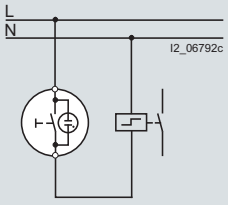
Order No. of insert: 5TA2 155

Order No. of glow lamp: 5TG7 332

Order No. of LED light inserts: see section *Switching/Pushbutton Control/Dimming / Accessories and spare parts* (page 10/19)

Pushbuttons, 1 NO contact (5TD2 120)

Schematics



Order No. of insert: 5TD2 120

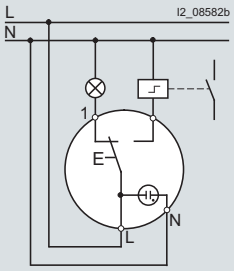
Order No. of glow lamp: 5TG7 332

Order No. of LED light inserts: see section *Switching/Pushbutton Control/Dimming / Accessories and spare parts* (page 10/19)

© Siemens AG 2011

Pushbuttons, 1 CO contact, with separate neutral terminal (5TD2 117)

Schematics



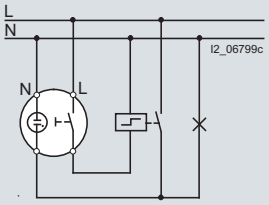
Order No. of insert: 5TD2 117

Order No. of glow lamp: 5TG7 332

Order No. of LED light inserts: see section *Switching/Pushbutton Control/Dimming / Accessories and spare parts* (page 10/19)

Pushbuttons, separate check-back indication (5TD2 114)

Schematics



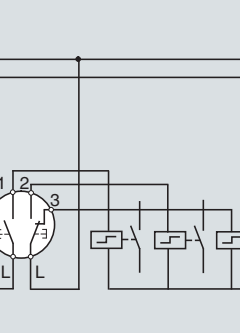
Order No. of insert: 5TD2 114

Order No. of glow lamp: 5TG7 332

Order No. of LED light inserts: see section *Switching/Pushbutton Control/Dimming / Accessories and spare parts* (page 10/19)

Pushbuttons, double, 1 NO contact, 1 CO contact (5TD2 115)

Schematics

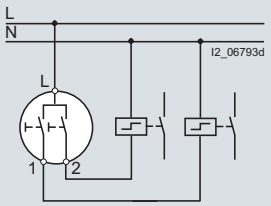


Order No. of insert: 5TD2 115

© Siemens AG 2011

Pushbuttons, double, 2 NO contacts (5TD2 111)

Schematics

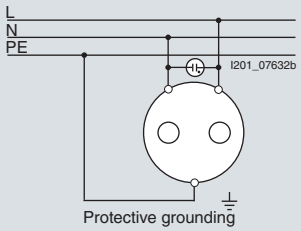


Order No. of insert: 5TD2 111

Socket Outlets

SCHUKO socket outlets with status display

Schematics



© Siemens AG 2011

SCHUKO socket outlets with overvoltage protection

Overview

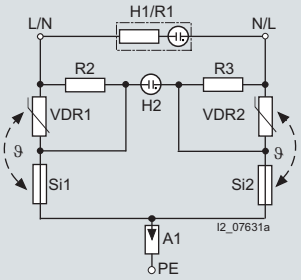
For the protection of electronic devices against overvoltages (in overvoltage category II according to DIN VDE 0110-1).

Surge arresters of requirement category D according to E DIN VDE 0675-6 and 0675-6/A1:1996-03.

Features:

- Overvoltage protection with monitoring device and disconnector
- Visual function indicator (glow lamp, green)
- Visual fault display (glow lamp red, no disconnection)
- With retaining ring for installation in switch boxes (60 mm Ø, 40 mm deep)

Schematics



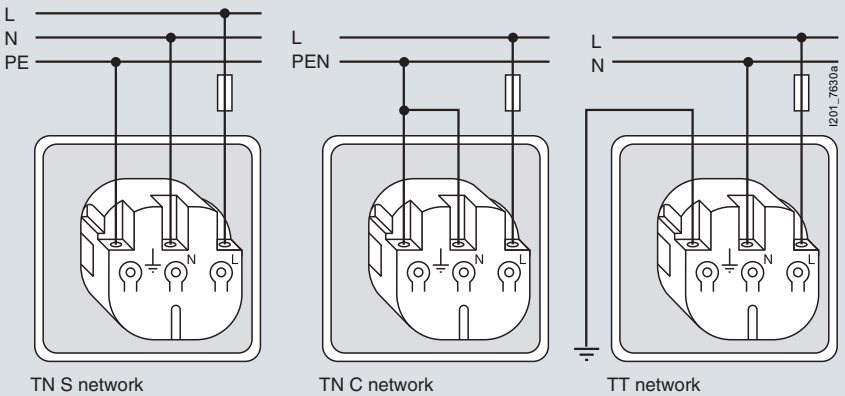
Technical specifications

Tested		E DIN VDE 0675-6; EN 61643-11 and IEC 61643-1
Rated voltage	U_N	230 V / 50 Hz
Surge arrester rated voltage (maximum permissible operational voltage)	U_C	255 V / 50 Hz
Rated discharge current (8/20)	I_{SN}	L (N) -> PE, L 3 kA L + N -> PE 5 kA
Combined surge	U_{OC}	L (N) -> PE, L 6 kV L + N -> PE 10 kV
Protection level	U_p	L -> N ≤ 1.5 kV L(N) -> PE ≤ 1.5 kV
Response time	t_A	L -> N 25 ns L(N) -> PE 100 ns
Series fuse[1)]		16 A gL/gG or B 16 A
Temperature range	J	-25 … +40 °C
Terminals		3 double terminals, each up to 2.5 mm² also suitable for through-wiring

1) Only required if not already available in the system.

SCHUKO socket outlets with residual-current protection

Schematics



© Siemens AG 2011

General

Overview

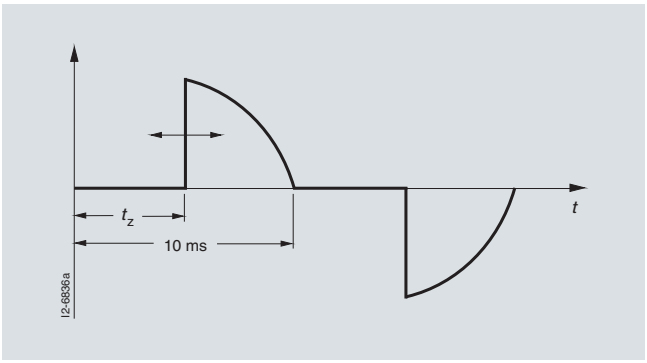
Leading-edge phase principle

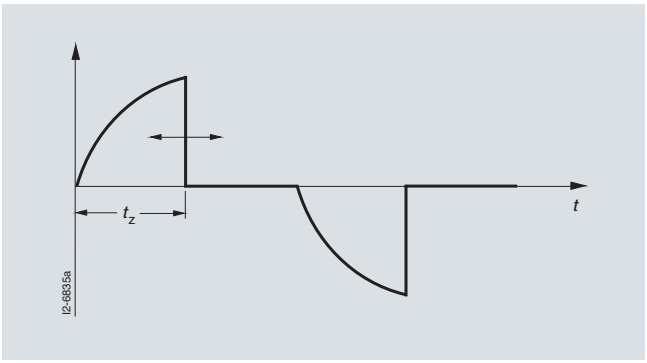
Conventional dimmers operate using the leading-edge phase principle. At the beginning of each sinusoidal half-wave, the dimmer blocks the current to the lamp, it is non-conducting. The TRIAC (the electronic switch in the dimmer) is only connected after startup of a user-definable delay time t_z, which energizes the connected loads. In this way, the brightness of the connected lighting medium can be infinitely adjusted. The interference voltages produced by the switching operation are dampened by means of suitable filtering measures.

Trailing-edge phase principle

For this purpose, the load is switched on during the zero crossing of each sinusoidal half-wave and switched off again on expiration of the time t_z. This allows changes to the r.m.s. value of the lamp voltage, and thus the brightness. No interference voltages are produced when switching on because the voltage has the value zero. When turning off, any resonance points are dampened, as the full load of the transformers is effective at this point.

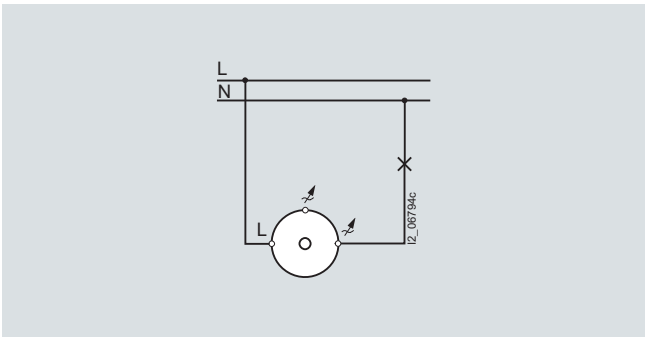
No need for additional systems for noise suppression. There is no occurrence of the dreaded resonance points with their unpleasant humming or flickering.



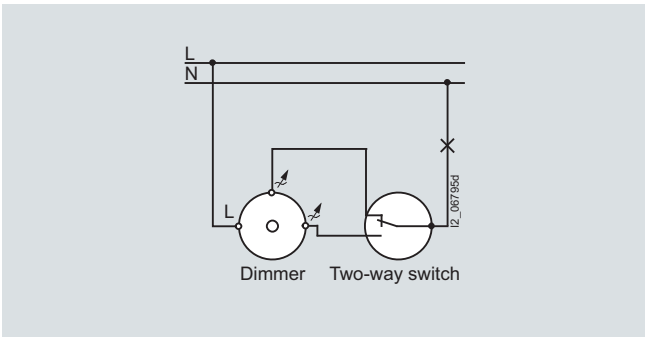


Schematics

Rotary dimmers for ON/OFF and two-way switching (leading-edge or trailing-edge phase), 50 to 600 W, 50/60 Hz, 230 V AC, incandescent lamps

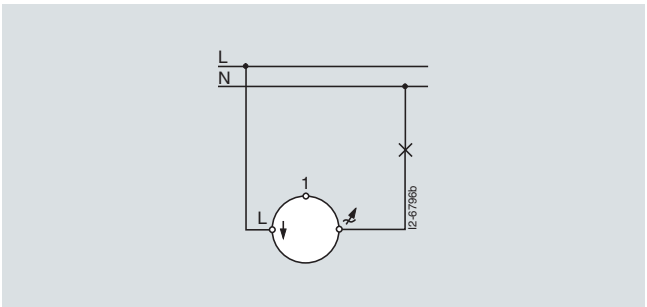


Application in ON/OFF circuit (ON/OFF switching and dimmer control from one point)

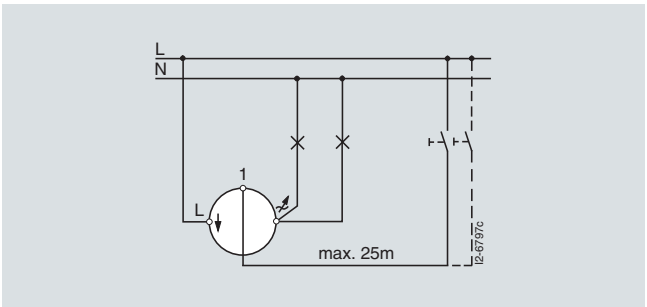


Application in two-way circuit (ON/OFF switching from 2 points and dimmer control from 1 point)

Sensor dimmers for ON/OFF, two-circuit and two-way switching with and without memory function, 20 to 400 W, 50/60 Hz, 230 V AC, incandescent lamps, leading-edge phase



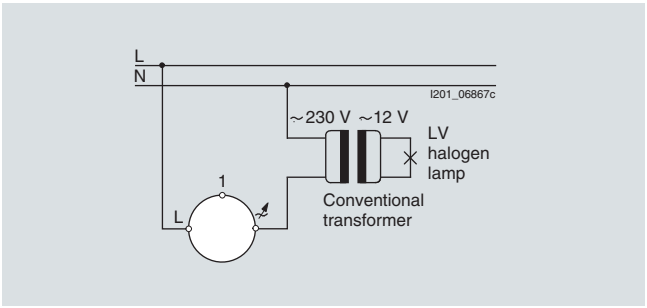
Application in ON/OFF circuit (ON/OFF switching and dimmer control from one point)



Application in two-way circuit (ON/OFF switching and dimmer control from two points with mechanical pushbuttons)

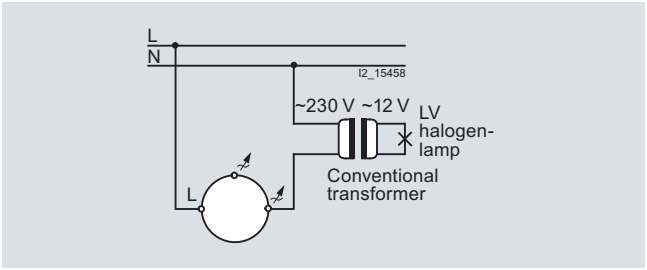
© Siemens AG 2011

Sensor dimmers for ON/OFF, two-circuit and two-way switching with and without memory function, 20 to 300 VA, 50/60 Hz, 230 V AC, low-voltage halogen lamp with conventional transformer



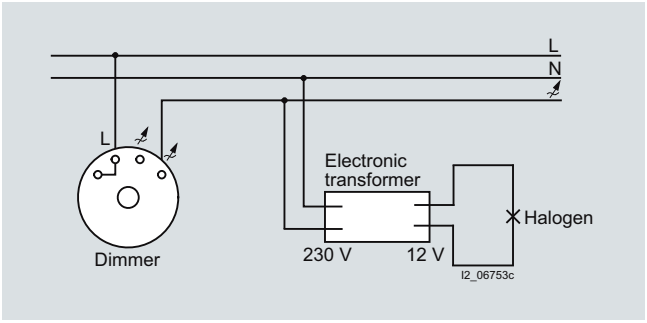
Application in ON/OFF circuit (ON/OFF switching and dimmer control from one point)

Rotary dimmer for LV halogen lamps with solenoid transformer, for two-way switching (5TC8 283)

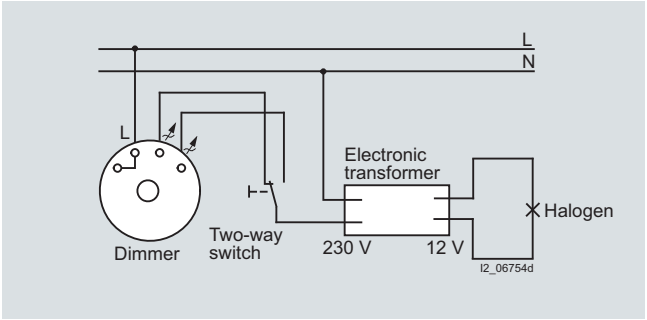


For the protection of transformers, we recommend a miniature fuse (corresponding to the transformer rating)

Rotary dimmers for ON/OFF and two-way switching, 20 to 525 W, 50 Hz, 230 V AC, low-voltage halogen lamp for electronic transformer, trailing-edge phase



All dimmers with ON/OFF and pushbutton two-way switching can be used



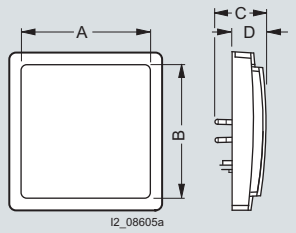
Only dimmers with pushbutton two-way switching can be used

© Siemens AG 2011

Technical specifications

Power supply	Over 230 V user interface (230 V PEI) of the switch or sys dimmer inserts
Terminals	10-pole pin connector (230 V PEI) for connection to the switch or sys dimmer insert
Mechanical specifications	
• Enclosure	Plastic
• Dimensions (L x W x D)	i-system 55 x 55 x 24 mm (incl. spring) DELTA profil 65 x 65 x 25 mm (incl. spring) DELTA style 68 x 68 x 27 mm (incl. spring)
• Weight	Approx. 30 g
• Fire load	Approx. 950 kJ
• Mounting	Mounted on the switch or sys dimmer insert
Electrical safety	
• Pollution degree (acc. to IEC 60664-1)	2
• Degree of protection (acc. to EN 60529)	IP20
• Overvoltage category (acc. to IEC 60664-1)	III
• Standard	According to EN 50090-2-2 and IEC 60664-1
EMC requirements	According to EN 50090-2-2, EN 61000-6-3, EN 61000-6-1
Environmental specifications	
• Resistance to climate	EN 50090-2-2
• Ambient operating temperature	-5 … +45 °C
• Storage temperature	-25 … +70 °C
• Relative humidity (non-condensing)	5 … 93 %
CE marking	According to EMC Directive (residential buildings), Low Voltage Directive

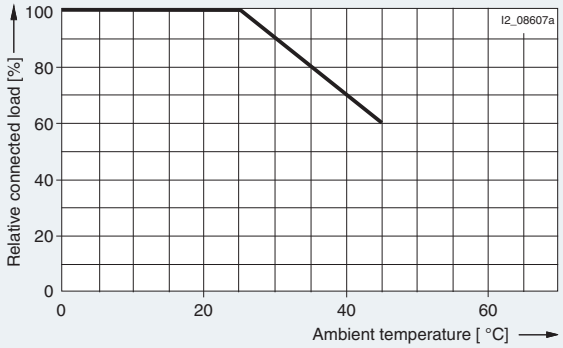
Dimensional drawings



	A	B	C	D
i-system	55	55	24	13
DELTA profil	65	65	25	14
DELTA style	68	68	27	16,5

© Siemens AG 2011

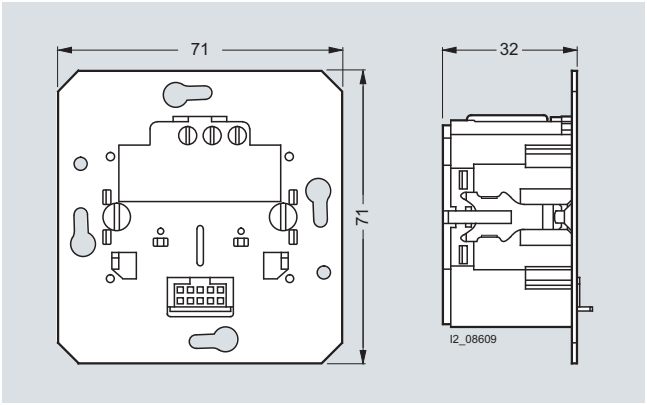
Technical specifications

Power supply	Mains connection 230 V (2-wire method), rated voltage: 230 V AC, 50 Hz
Protection against short-circuits	In the event of a short-circuit, the universal dimmer switches off. As soon as the short-circuit is eliminated (voltage recovery), the universal dimmer automatically switches back on at the brightness value last set prior to the short-circuit.
Protection against overloads	In the event of an overload, and if the maximum permissible temperature is exceeded, the universal dimmer switches off for at least two minutes. As soon as the device has cooled down, it is automatically switched to the current setpoint value
Load output • Number • Rated voltage • Rated load (up to 25 °C ambient temperature) - Incandescent lamp rating - Conventional transformers - Electronic transformers - Mixed loads - Maximum connected load at ambient temperature	 1 230 V AC, 50 Hz 50 … 420 W 50 … 420 VA 70 … 420 VA Only permissible between incandescent lamp ratings and electronic transformers  Warning: The connected load must be reduced by 20 %, depending on operating conditions • For mounting on wood, Rigips, gas concrete or cavity walls • For installation in multiple combinations or surface-mounting enclosures
Behavior on system voltage recovery	After system voltage recovery, the DELTA sys universal dimmer insert switches to the same dimming value set prior to mains failure, whereby the DELTA sys universal dimmer insert automatically learns the load. A brief flickering indicates that the learning procedure is running
Terminals	The terminals for the DELTA universal dimmer sys insert comprise three screw terminals, the following conductor/cross-sections are permissible: • 0,5 … 2.5 mm² solid • 0,5 … 1.5 mm² finely stranded with end sleeve without insulating collar (gas-tight crimp connection) Caution: If the conductors need to be looped through, only conductors with max. 1.5 mm² can be used
Mechanical specifications • Enclosure • Dimensions • Weight • Fire load • Mounting	 Plastic Modular width: 71 mm x 71 mm mounting depth: 32 mm Approx. 70 g Approx. 1000 kJ Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Standard	 2 IP20 III According to EN 50090-2-2 and EN 60669-2-1
EMC requirements	According to EN 50090-2-2, EN 60669-2-1, EN 61000-6-3, EN 61000-6-1
Environmental specifications • Resistance to climate • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 EN 50090-2-2 -5 … +45 °C -25 … +70 °C 5 ... 93 %
Approvals	VDE certification

© Siemens AG 2011

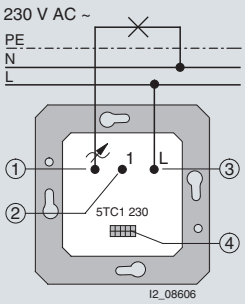
Universal dimmer sys inserts (5TC1 230)

Dimensional drawings



Schematics

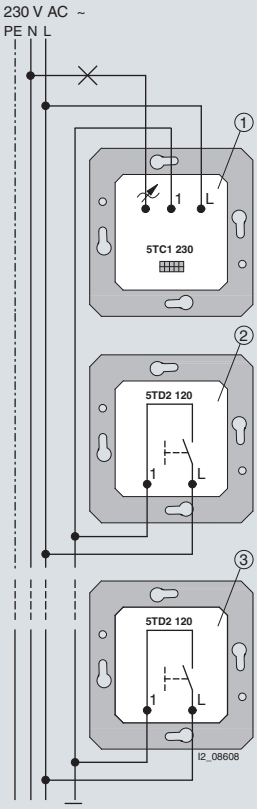
Sample connection



① Load connection
② Secondary input
③ Outer conductor connection
④ User interface (230-V PEI)

Application options

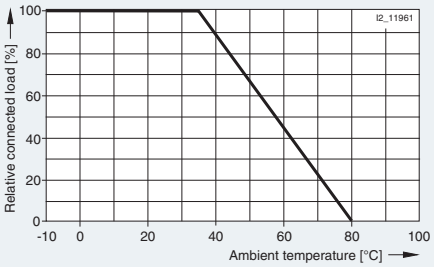
Example: Universal dimmer with conventional extension units



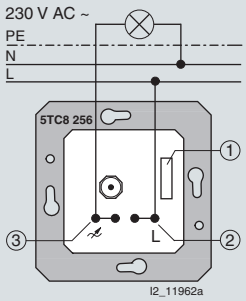
① DELTA Universal dimmer sys insert
② Conventional extension unit
③ Other conventional extension unit

© Siemens AG 2011

Technical specifications

Power supply	Mains connection 230 V (2-wire method), rated voltage: 230 V AC, 50/60 Hz
Protection against short-circuits	With fuse ① (the fuse holder contains a spare fuse)
Load output • Number • Rated voltage • Rated load (up to 35 °C ambient temperature) - Incandescent lamps - HV halogen lamps - Note - Maximum connected load at ambient temperature	 One with two terminals ③ 230 V AC, 50/60 Hz 50 ... 400 W 50 ... 400 W Only incandescent lamps and/or HV halogen lamps may be connected  Warning: The connected load must be reduced by 20 %, depending on operating conditions • For mounting on wood, Rigips, gas concrete or cavity walls • For installation in multiple combinations or surface-mounting enclosures
Terminals	Four screw terminals with anti-slip terminal body, of which two terminals have the same potential, the following conductor/cross-sections are permissible: • 0,5 ... 4.0 mm² solid • 0,5 ... 2.5 mm² finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)
Mechanical specifications • Enclosure • Dimensions • Weight • Fire load • Mounting	 Plastic Modular width: 71 mm x 71 mm mounting depth: 32 mm Approx. 95 g Approx. 1000 kJ Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Standard	 2 IP20 III According to EN 60669-2-1
EMC requirements	According to EN 60669-2-1, EN 61000-6-3 and EN 61000-6-1
Environmental specifications • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 –5 ... +45 °C –25 ... +70 °C 5 ... 93 %
Approvals	VDE certification and KEMA certification

Schematics

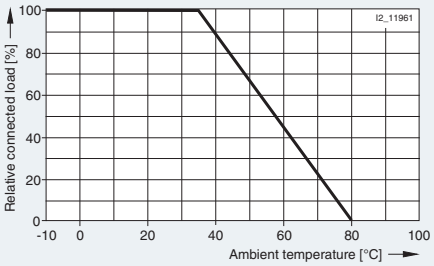


① T 1.6 H 250 V fuse holder
② Outer conductor connection
③ Load connection

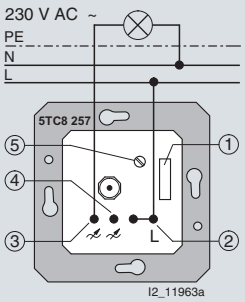
© Siemens AG 2011

Incandescent lamp dimmers, 50 to 600 W, for two-way switching (5TC8 257)

Technical specifications

Power supply	Mains connection 230 V ① (2-wire method), rated voltage: 230 V AC, 50/60 Hz
Protection against short-circuits	Fuse A1 (the fuse holder contains a spare fuse)
Protection against overloads	With additional temperature cutout, which permanently shuts down the dimmer in the event of an overload
Load output • Number • Rated voltage • Rated load (up to 35 °C ambient temperature) - Incandescent lamps - HV halogen lamps - Note - Maximum connected load at ambient temperature	 Two terminals for two-way switching (③ and ④) 230 V AC, 50/60 Hz 50 ... 600 W 50 ... 600 W Only incandescent lamps and/or HV halogen lamps may be connected  Warning: The connected load must be reduced by 20 %, depending on operating conditions • For mounting on wood, Rigips, gas concrete or cavity walls • For installation in multiple combinations or surface-mounting enclosures
Terminals	Four screw terminals with anti-slip body. The two L-connection terminals are internally bridged (same potential), the following conductor/cross-sections are permissible: • 0,5 ... 4.0 mm² solid • 0,5 ... 2.5 mm² finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)
Mechanical specifications • Enclosure • Dimensions • Weight • Fire load • Mounting	 Plastic Modular width: 71 mm x 71 mm mounting depth: 32 mm Approx. 95 g Approx. 1000 kJ Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Standard	 2 IP20 III According to EN 60669-2-1
EMC requirements	According to EN 60669-2-1, EN 61000-6-3 and EN 61000-6-1
Environmental specifications • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 –5 ... +45 °C –25 ... +70 °C 5 ... 93 %
Approvals	VDE certification and KEMA certification

Schematics

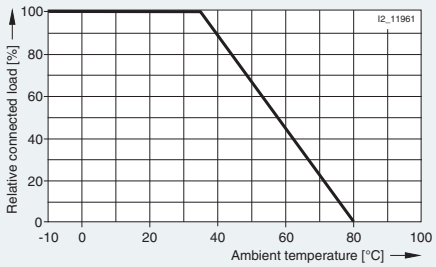


① Fuse holder with fuse T 2.5 H 250 V
② Outer conductor connection
③ Load connection / corresponding conductor
④ Load connection / corresponding conductor
⑤ Trimpotentiometer for basic brightness

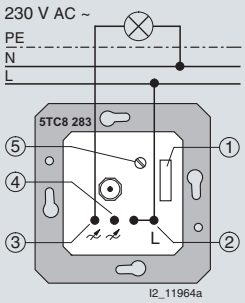
© Siemens AG 2011

LV dimmers, for magnetic transformers, 50 to 600 W, 25 to 500 VA, for two-way switching (5TC8 283)

Technical specifications

Power supply	Mains connection 230 V ① (2-wire method), rated voltage: 230 V AC, 50/60 Hz
Protection against short-circuits	Fuse A1 (the fuse holder contains a spare fuse)
Protection against overloads	With additional temperature cutout, which permanently shuts down the dimmer in the event of an overload
Load output • Number • Rated voltage • Rated load (up to 35 °C ambient temperature) - Incandescent lamps - HV halogen lamps - Low-voltage halogen lamps, magnetic transformer - Note - Maximum connected load at ambient temperature	 Two terminals for two-way switching (③ and ④) 230 V AC, 50/60 Hz 50 ... 600 W 50 ... 600 W 25 ... 500 VA Does not support connection of: • Energy-saving lamps • Electronic transformers • Power boosters  Warning: The connected load must be reduced by 20 %, depending on operating conditions • For mounting on wood, Rigips, gas concrete or cavity walls • For installation in multiple combinations or surface-mounting enclosures
Terminals	4 screw terminals with anti-slip terminal body, the following conductor/cross-sections are permissible: • 0,5 ... 4.0 mm² solid • 0,5 ... 2.5 mm² finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)
Mechanical specifications • Enclosure • Dimensions • Weight • Fire load • Mounting	 Plastic Modular width: 71 mm x 71 mm, mounting depth: 32 mm Approx. 105 g Approx. 1000 kJ Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Standard	 2 IP20 III According to EN 60669-2-1
EMC requirements	According to EN 60669-2-1, EN 61000-6-3 and EN 61000-6-1
Environmental specifications • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 –5 ... +45 °C –25 ... +70 °C 5 ... 93 %
Approvals	VDE certification and KEMA certification

Schematics



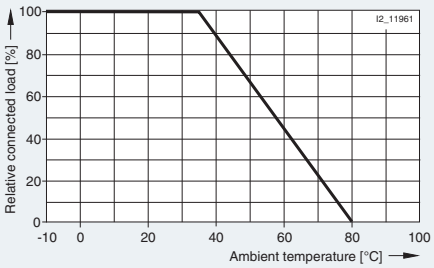
① Fuse holder with fuse T 4 H 250 V
② Outer conductor connection
③ Load connection/corresponding conductor
④ Load connection/corresponding conductor
⑤ Trimpotentiometer for background brightness

© Siemens AG 2011

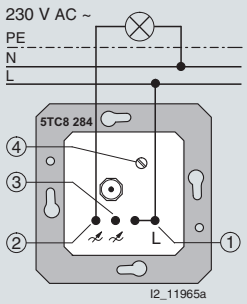
Dimmers

LV dimmers, for electronic transformers, 20 to 600 W, 20 to 525 VA, for two way switching (5TC8 284)

Technical specifications

Power supply	Mains connection 230 V (2-wire method), rated voltage: 230 V AC, 50 Hz
Protection against short-circuits	Reversible operating electronic fuse
Protection against overloads	With additional temperature cutout, which shuts down the dimmer in the event of an overload and only resupplies it automatically with power when the overload is eliminated after the device has sufficiently cooled down
Load output • Number • Rated voltage • Rated load (up to 35 °C ambient temperature) - Incandescent lamps - HV halogen lamps - LV halogen lamps with electronic transformer - Note	 Two terminals for two-way switching (② and ③) 230 V AC, 50 Hz 20 ... 600 W 20 ... 600 W 20 ... 525 W Does not support connection of: • Energy-saving lamps • Magnetic transformers
- Maximum connected load at ambient temperature	 Warning: The connected load must be reduced by 25 %, depending on operating conditions • For mounting on wood, Rigips, gas concrete or cavity walls • For installation in multiple combinations or surface-mounting enclosures If using highly thermally insulating materials (e.g. glass wool), it may be necessary to reduce the connected load even further
Terminals	4 screw terminals with anti-slip terminal body, the following conductor/cross-sections are permissible: • 0,5 ... 4.0 mm² solid • 0,5 ... 2.5 mm² finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)
Mechanical specifications • Enclosure • Dimensions • Weight • Fire load • Mounting	 Plastic Modular width: 71 mm x 71 mm, mounting depth: 32 mm Approx. 95 g Approx. 1000 kJ Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Standard	 2 IP20 III According to EN 60669-2-1
EMC requirements	According to EN 60669-2-1, EN 61000-6-3 and EN 61000-6-1
Environmental specifications • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 –5 ... +45 °C –25 ... +70 °C 5 ... 93 %
Approvals	VDE certification

Schematics

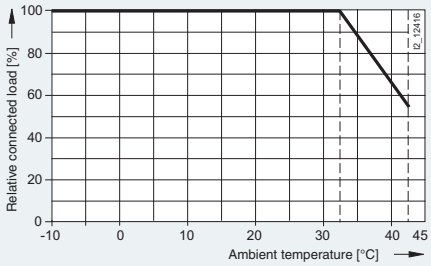


① Outer conductor connection
② Load connection / corresponding conductor
③ Load connection / corresponding conductor
④ Trimpotentiometer for load balancing

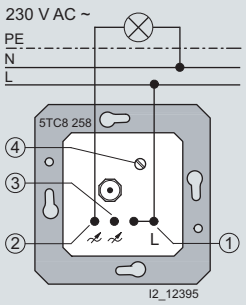
© Siemens AG 2011

LV dimmers, for electronic transformers, 60 to 800 W, 60 to 800 VA, for two-way switching (5TC8 258)

Technical specifications

Power supply	Mains connection 230 V (2-wire method), rated voltage: 230 V AC, 50 Hz
Protection against short-circuits	Reversible operating electronic fuse
Protection against overloads	With additional temperature cutout, which shuts down the dimmer in the event of an overload and only resupplies it automatically with power when the overload is eliminated after the device has sufficiently cooled down
Load output • Number • Rated voltage • Rated load (up to 35 °C ambient temperature) - Incandescent lamps - HV halogen lamps - LV halogen lamps with electronic transformer - Note - Maximum connected load at ambient temperature	Two terminals for two-way switching (② and ③) 230 V AC, 50 Hz 60 ... 800 W 60 ... 800 W 60 ... 800 VA Does not support connection of: • Energy-saving lamps • Magnetic transformers  Warning: The connected load must be reduced by 25 %, depending on operating conditions • For mounting on wood, Rigips, gas concrete or cavity walls • For installation in multiple combinations or surface-mounting enclosures If using highly thermally insulating materials (e.g. glass wool), it may be necessary to reduce the connected load even further
Terminals	4 screw terminals with anti-slip terminal body, the following conductor/cross-sections are permissible: • 0,5 ... 4.0 mm² solid • 0,5 ... 2.5 mm² finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)
Mechanical specifications • Enclosure • Dimensions • Weight • Fire load • Mounting	 Plastic Modular width: 71 mm x 71 mm, mounting depth: 32 mm Approx. 120 g Approx. 1000 kJ Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Standard	 2 IP20 III According to EN 60669-2-1
EMC requirements	According to EN 60669-2-1, EN 61000-6-3 and EN 61000-6-1
Environmental specifications • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 –5 ... +45 °C –25 ... +70 °C 5 ... 93 %
Approvals	VDE certification

Schematics



① Outer conductor connection
② Load connection / corresponding conductor
③ Load connection / corresponding conductor
④ Trimpotentiometer for load balancing

© Siemens AG 2011

Overview

Economy and comfort

Modern lighting concepts are particularly cost-effective and user-friendly. The success of the Siemens fully electronic primary switching device (ECG) has played a key role in this achievement: even lighting, 25 % less energy requirements and power-constant operation (in the case of power fluctuations) with minimum noise generation are just some of the advantages, which have even led to the ECG being used in music and film studios.

The ECG dynamic is a consistent and logical further development of this millionfold tried and tested device.

The wide dimming range – of 100 % to 1 % luminous flux – and the wattless dimmer control using low-voltage control signals opens up a whole new range of application options for ECG dynamic in the world of lighting technology.

High energy saving

If fluorescent lamps are operated on conventional primary switching devices, the system consumption is approx. 25 % higher than with ECG operation.

Conventional dimming "burns up" additional energy. In addition, the high losses of the chokes, the constant power requirements of the auxiliary electronics and the heater transformers for the coil heating, the power loss of the leading-edge phase dimmer and the required base load also need to be taken into account.

This increases the system output for the operation of a lamp L58W to up to 80 W (at maximum modulation, leading-edge phase dimmer and base load not taken into account).

The ECG dynamic heats the lamp coil in accordance with the dimmer setting using no more intensity than necessary for reliable lamp operation; dimmer control is wattless and does not require a base load.

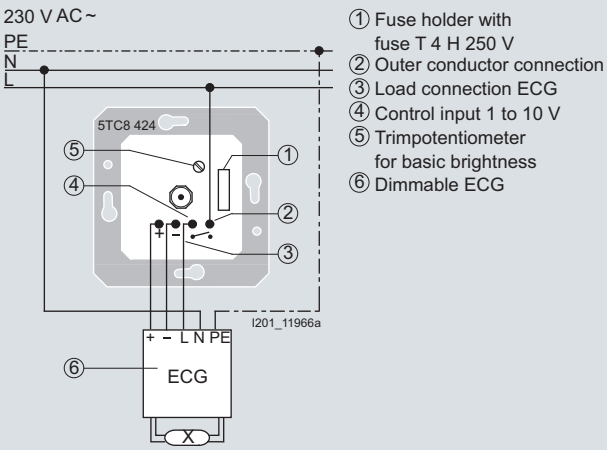
System wattage during full modulation of a L58W lamp is only 56 W. This is 30 % less than for conventional dimming, with practically the same luminous flux.

© Siemens AG 2011

Technical specifications

Power supply • Control voltage • Maximum control current • Load connection	 1 ... 10 V 50 mA 4 A
Protection against short-circuits	With miniature fuse ① (the fuse holder contains a spare fuse)
Switching capacity • Number of ECGs load output - OSRAM Quicktronik, dimmable, 1 x 58 W LL - OSRAM Quicktronik, dimmable, 1 x 36 W LL - OSRAM Quicktronik, dimmable, 2 x 58 W LL - OSRAM Quicktronik, dimmable, 2 x 36 W LL • Number of ECGs control output - Osram DIMM-ECG • Notes	 Max. 6 Max. 9 Max. 3 Max. 4 Max. 50 • ECGs have high starting currents: if more than six ECGs are to be switched, a power relay must be used • Always ensure that ECGs and fluorescent lamps are from the same manufacturer
Terminals	4 screw terminals with anti-slip terminal body, the following conductor/cross-sections are permissible: • 0,5 ... 4.0 mm² solid • 0,5 ... 2.5 mm² finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)
Mechanical specifications • Enclosure • Dimensions • Weight • Fire load • Mounting	 Plastic Modular width: 71 mm x 71 mm, mounting depth: 32 mm Approx. 55 g Approx. 1000 kJ Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Standard	 2 IP20 III According to EN 60669-2-1
EMC requirements	According to EN 60669-2-1, EN 61000-6-3 and EN 61000-6-1
Environmental specifications • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 –5 ... +45 °C –25 ... +70 °C 5 ... 93 %
Approvals	VDE certification and KEMA certification

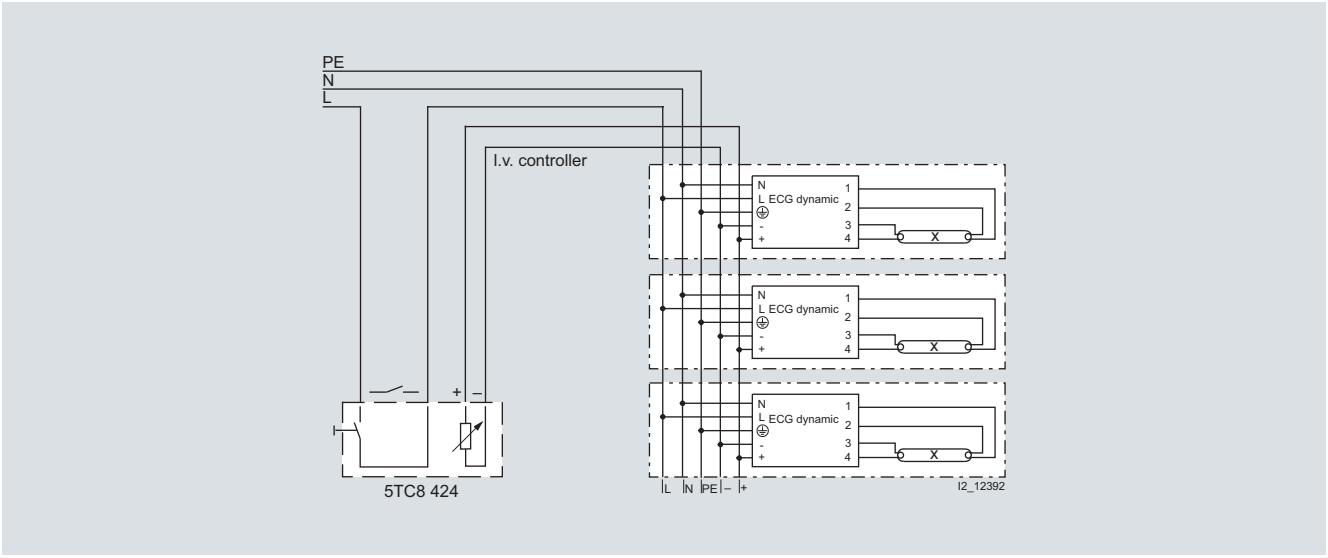
Schematics



① Fuse holder with fuse T 4 H 250 V
② Outer conductor connection
③ Load connection ECG
④ Control input 1 to 10 V
⑤ Trimpotentiometer for basic brightness
⑥ Dimmable ECG

© Siemens AG 2011

Electronic potentiometers, switch (5TC8 424)



Electronic potentiometers for dimmer control

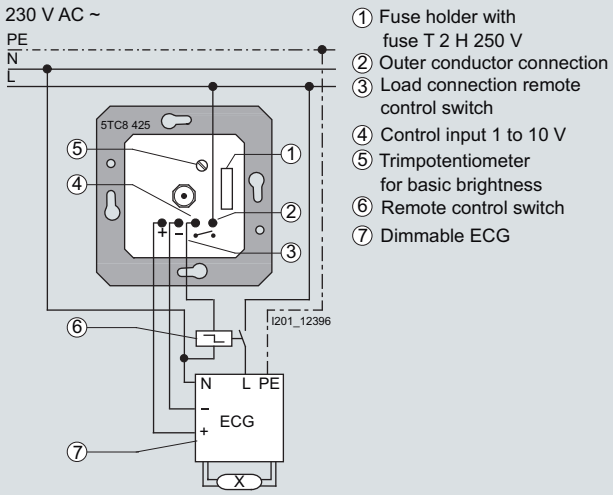
Electronic potentiometers, pushbutton (5TC8 425)

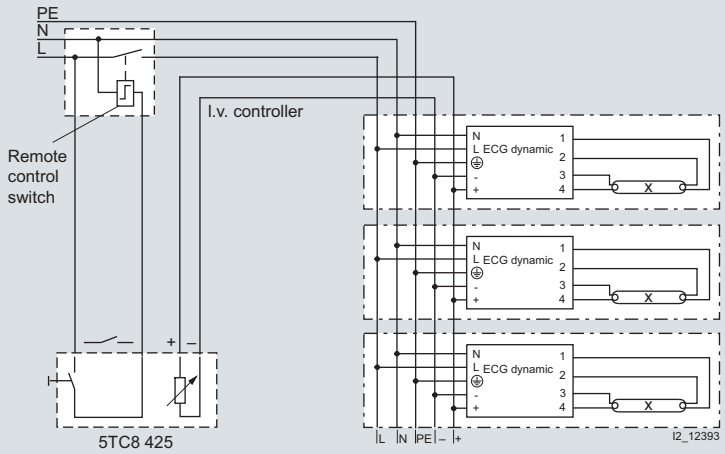
Technical specifications

Power supply • Control voltage • Maximum control current • Load connection	 1 ... 10 V 50 mA 2 A
Protection against short-circuits	With miniature fuse ① (the fuse holder contains a spare fuse)
Switching capacity • Number of ECGs load output • Number of ECGs control output - Osram DIMM-ECG	 Depending on the remote control switch or installation contactor selected Max. 50
Terminals	4 screw terminals with anti-slip terminal body, the following conductor/cross-sections are permissible: • 0,5 ... 4.0 mm^2 solid • 0,5 ... 2.5 mm^2 finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)
Mechanical specifications • Enclosure • Dimensions • Weight • Fire load • Mounting	 Plastic Modular width: 71 mm x 71 mm, mounting depth: 32 mm Approx. 55 g Approx. 1000 kJ Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Standard	 2 IP20 III According to EN 60669-2-1
EMC requirements	According to EN 60669-2-1
Environmental specifications • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 –5 ... +45 °C –25 ... +70 °C 5 ... 93 %
Approvals	VDE certification and KEMA certification

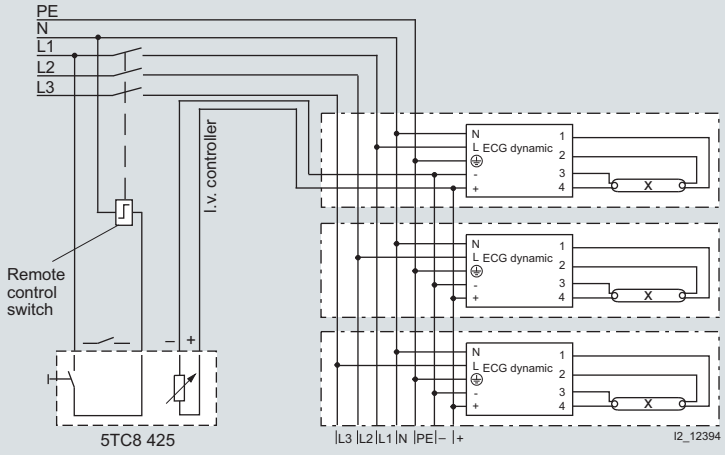
© Siemens AG 2011

Schematics





Electronic potentiometer with pushbutton control for dimmer control, 1-phase

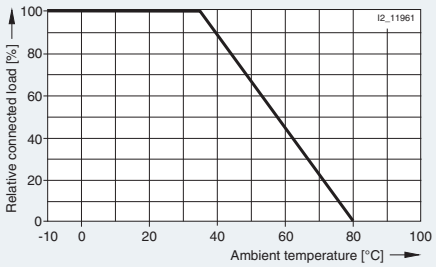


Electronic potentiometer with pushbutton control for dimmer control, 3-phase

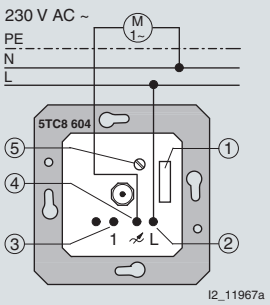
© Siemens AG 2011

Speed regulating rheostats, 0.1 to 2.6 A (5TC8 604)

Technical specifications

Power supply	Mains connection 230 V (2-wire method), rated voltage: 230 V AC, 50/60 Hz
Protection against short-circuits	With fuse ① (the fuse holder contains a spare fuse)
Protection against overloads	With additional temperature cutout, which permanently shuts down the speed regulating rheostat in the event of an overload
Load output • Number • Rated voltage • Rated load (up to 35 °C ambient temperature) - Single-phase induction motor - Note - Maximum connected load at ambient temperature	 1 (④) 230 V AC, 50/60 Hz 25 ... 600 VA / 0.1 ... 2.6 A The outer conductor must be connected to the L terminal as the device may otherwise be permanently damaged  Warning: The connected load must be reduced by 20 %, depending on operating conditions • For mounting on wood, Rigips, gas concrete or cavity walls • For installation in multiple combinations or surface-mounting enclosures
Terminals	4 screw terminals with anti-slip terminal body, the following conductor/cross-sections are permissible: • 0,5 ... 4.0 mm² solid • 0,5 ... 2.5 mm² finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)
Mechanical specifications • Enclosure • Dimensions • Weight • Fire load • Mounting	 Plastic Modular width: 71 mm x 71 mm, mounting depth: 32 mm Approx. 105 g Approx. 1000 kJ Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Standard	 2 IP20 III According to EN 60669-2-1
EMC requirements	According to EN 60669-2-1, EN 61000-6-3 and EN 61000-6-1
Environmental specifications • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 –5 ... +45 °C –25 ... +70 °C 5 ... 93 %
Approvals	VDE certification and KEMA certification

Schematics



① T 4 H 250 V fuse
② Outer conductor connection
③ 230 V~ switched output (speed limiting potentiometer)
④ Motor connection (output)
⑤ Trimpotentiometer for minimum speed

© Siemens AG 2011

Overview

The IP55 motion detector is a surface-mounted device, which passively registers the thermal radiation of bodies moving within its sensing range. It automatically switches the connected loads on and off. The motion detection is indicated by a flashing red LED integrated in the sensor.

No thermal radiation is detected through obstacles, such as walls or glass panes, so there is no switching.

The brightness switching threshold and the delay time are infinitely adjustable.

The device is also designed for installation in existing staircase light timer systems.

It cannot be guaranteed suitable for use in other applications.

Note: Further remote controls are available as optional extras for the 290° IR version.

Design

The motion detector is suitable for wall or ceiling mounting.



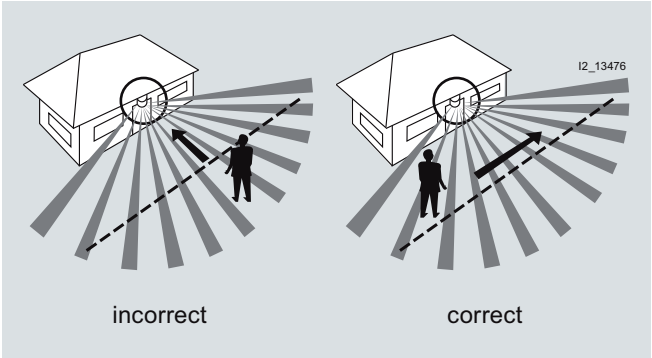
Mounting of motion detector on the wall



Mounting of motion detector on the ceiling

If using the optionally available special base (5TC7 900 or 5TC7 901), it can also be mounted on a 90° inside or outside angle.

For optimum motion detection, the motion detector should be mounted laterally to the direction of walking.



Positioning of the motion detector

The optimum mounting height is 2.50 m.

When mounting a light in the sensing range of the motion detector, there must be a clearance of at least 0.5 m.

Do not mount motion detectors directly above a light. Wherever possible, it should be mounted underneath.

In order to avoid unintended switching operations, potential sources of interference should be taken into consideration when selecting the mounting location (e.g. flows of warm air, moving bushes or branches). Areas that you do not want to monitor can be blocked out by mounting the cover plates included in delivery.

© Siemens AG 2011

DELTA reflex motion detectors, IP55

Function

Commissioning

The first time the rated voltage is applied, or after each system interruption of more than 3 s, the initialization phase of the motion detector is restarted.

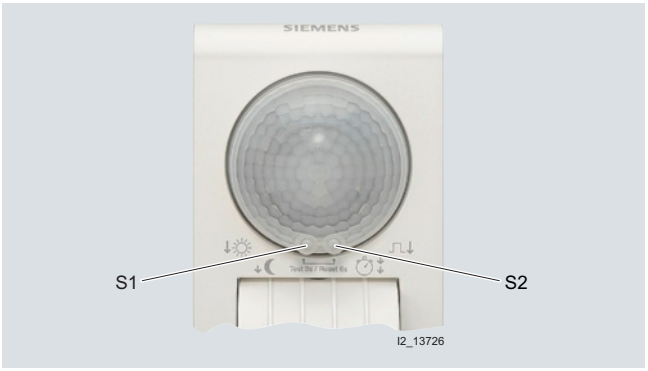
Initialization phase

When the initialization phase is started, the connected loads are switched on for approx. 2 s. The red LED in the inside of the lens flashes approx. 3 times a second for approx. 45 s until the device automatically switches to test mode.

Test mode

Users can manually check the sensing range in this brightness-independent mode with a switch-on time of 1 s and a delay time of 2 s. During this check, it is possible to change the direction and sensing angle of the lens. On expiry of the time span of 10 min set for test mode, the motion detector automatically switches to the factory setting (brightness switching threshold: 7 lux / delay time 2 min) or to the individual settings.

If you wish to reactivate test mode, this can be triggered by simultaneously pressing the S1 and S2 pushbuttons for a minimum of 3 s (max. 5 s). The LED flashes rapidly for 3 s and then remains on. When the pushbuttons are released, test mode is confirmed by the LED flashing twice. You can cancel test mode by briefly pressing the S1 or S2 pushbutton. After a maximum of 10 min, the motion detector automatically reverts to the previously selected setting (factory setting or individual setting).

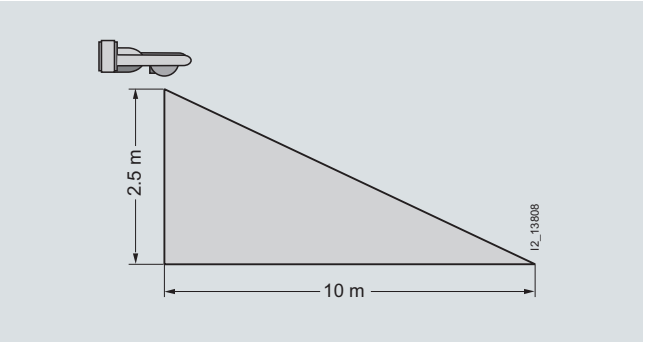


Sensing range

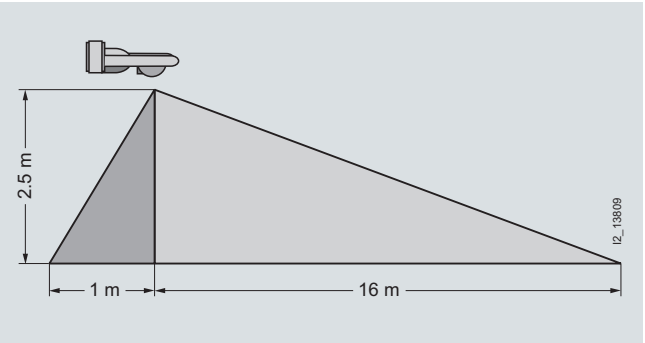
The sensing range can be changed by turning the lens +/- 30° to the left or right.

If you need to limit the range, you need to cut out the supplied transparent cover plate in accordance with your required sensing range.

The range can be changed by adjusting the swivel arm through up to 120°.



Range of motion detector, IP55, 120°



Range/rear view monitoring of motion detector, IP55, 290°

Reset

Simultaneously press the S1 and S2 pushbuttons for a minimum of 6 s. The motion detector is then reset to its factory setting (brightness switching threshold: 7 lux/duty ratio: 2 min). This setting is suitable for the majority of applications. Once the reset is successfully completed, this is confirmed by the red LED in the lens flashing twice.

Individual setting

You can use the S1 and S2 pushbuttons to individually set the brightness switching threshold and delay time.

Brightness-independent mode

In this operating mode, the load is switched on for the set delay time at each movement, irrespective of the current brightness.

Brightness-dependent mode

In this operating mode, the load is only switched on for the set delay time when it detects movement and if the brightness falls below the current brightness switching threshold. If you require a brightness switching threshold that differs from the factory setting, you can store the current light conditions as the operating point in the memory of the motion detector by pressing the S1 pushbutton for less than 3 s.

© Siemens AG 2011

Pulse mode

The pulse mode is activated/deactivated by pressing the S2 pushbutton for longer than 3 s. In this operating mode, the load is switched on for one second when it detects movement if the brightness falls below the current brightness switching threshold. There is then no further reaction to any movement for 9 s.

Note: By pressing the pushbutton for longer than 3 s, you can switch between pulse mode and delay time mode.

The pulse mode is primarily used for controlling staircase light timers.

Select individual delay time

The required delay time is started by pressing the S2 pushbutton for less than 3 s. By repressing the S2 pushbutton for less than 3 s, you can store the time between the first and second press of the pushbutton as an individual delay time. The shortest programmable individual delay time is 5 s.

Comfort function

Comfort function through the use of optional switches or pushbuttons (requirement: device is in delay time mode - not in pulse mode)

A general distinction is made between a long (> 2 s) and a short (0.2 to 2 s) system interruption.

Technical specifications

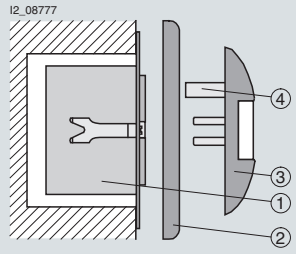
Power supply	
• Rated voltage	230 V AC, +/-10 %, 50/60 Hz
Terminals	
• Solid conductors	1 mm^2 ... 4 mm^2, max. 2 x 2.5 mm^2
• Stranded conductors (only with end sleeve)	1 mm^2 ... 2.5 mm^2, max. 1 x 2.5 mm^2
Electrical specifications	
• Power loss	Approx. 1 W
• Twilight sensor	From approx. 0.5 lux brightness-independent mode
• Delay time	5 s ... 30 min
• Pulse mode	1 s ON/9 s OFF
• Test mode	2 s brightness-independent mode
Max. switching capacity	
• 120° version	
- Incandescent lamps	1000 W
- Fluorescent lamps (KVG)	8 x 58 W (uncorrected)
- Energy-saving lamps	4 unit
- Series fuse	Max. 10 A
• 290° and 290° IR version	
- Incandescent lamps	2500 W
- Fluorescent lamps (KVG)	20 x 58 W (uncorrected)
- Energy-saving lamps	8 unit
- Series fuse	Max. 10 A

Mechanical specifications	
• Enclosure	Plastic (PC, ABS)
• Adjustment range of swivel arm	Max. 120°
• Dimensions (L x W x D)	180 x 86 x 74 mm
• Weight	235 g
• Degree of protection	IP55
• Range (mounting height 2.5 m/+22 °C)	
- Version 120	Approx. 10 m
- 290° and 290° IR version	Approx. 16 m
• Mounting height	2 ... 4 m, ideally 2.50 m
Electrical safety	
• Degree of protection (acc. to EN 60529)	IP55
• Overvoltage category (acc. to IEC 60664-1)	III
• Device complies with	EN 60669-1 and EN 60669-2-1
Environmental specifications	
• Storage temperature	-30 ° ... +70 °
• Rel. humidity (non-condensing)	5 % ... 93 %
Approvals	
• VDE certification	Yes
• CE marking	Yes
• Compliance with EMC Directive, Low Voltage Directive	Yes

© Siemens AG 2011

Motion detector tops

Design



① Motion detector insert
② Frame
③ Motion detector top
④ Plug

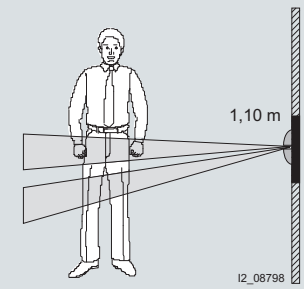
The motion detector insert ① is mounted in a DIN 49073-compliant device box.

The terminals of the insert must be directed downwards (wall mounting) as otherwise malfunctions may result.

Together with the motion detector top ③, the frame ② is plugged onto the insert.

An optimum detection is attained by mounting the top laterally to the walking direction. Otherwise, a delayed detection must be taken into account.

The 1.10 m lens



Mode of operation of the 1.10 m lens

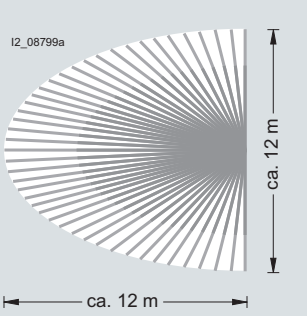
The mounting height generally amounts to 1.10 m.

The lens has a sensing range with an opening angle of 180 in two levels.

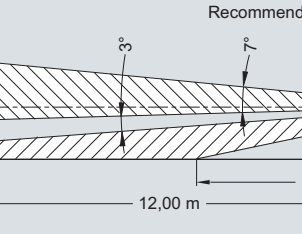
The size of the sensing range amounts to approx. 12 x 12 m related to an mounting height of 1.10 m. With other mounting heights, the detection radius varies.

As a result of the right-angled adjustment of the upper lens level, the sensing range is not subject to spatial limitations. Therefore, even motions outside the defined sensing range may initiate switching operations under certain circumstances (overreach).

Note: due to the almost horizontal adjustment of the upper sensing level, the motion detector tops equipped with the 1.10 m lens are basically suitable for indoor use only. If mounted in outdoor areas, the sensore may be irreparably damaged by direct sunshine.

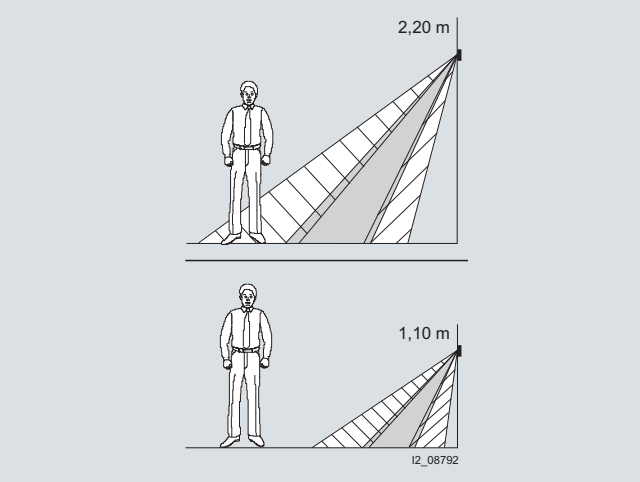


Sensing range of the 1.10 m lens

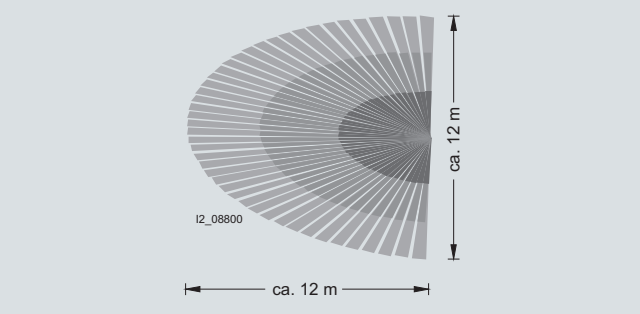


© Siemens AG 2011

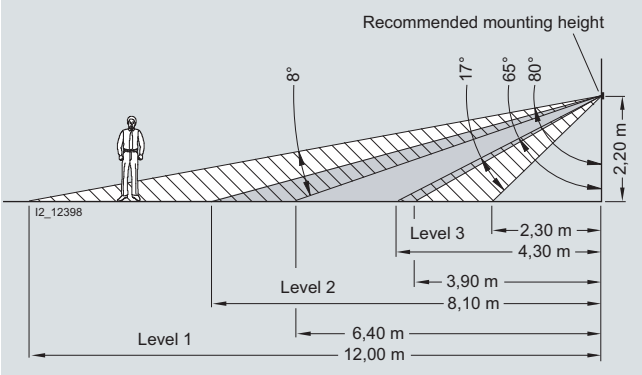
The 2.20 m lens



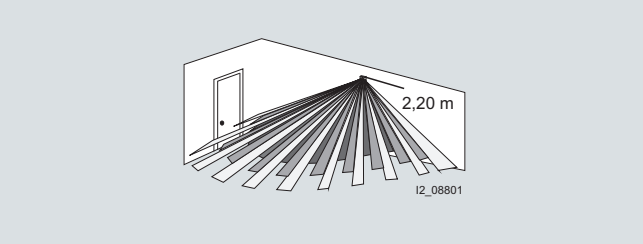
Mode of operation of the 2.20 m lens



Sensing range of the 2.20 m lens



The lens has three ranges of sensing levels, so that the sensing range is divided into near, medium and distant range.



The sensing levels of the 2.20 m lens arranged from the top to the bottom

The mounting height generally amounts to 2.20 or 1.10 m.

If a mounting height higher than 2.20 m is selected, please note that under certain circumstances the energy radiated by a more distant heat signal source is not sufficient to release the motion detector top.

The lens has a sensing range with an opening angle of 180° in three levels. The three levels are directed from the top to the bottom.

The size of the sensing range equals

- For a mounting height of 2.20 m: approx. 12 m x 12 m
- For an mounting height of 1.10 m: approx. 6 m x 6 m

Avoidance of sources of interference

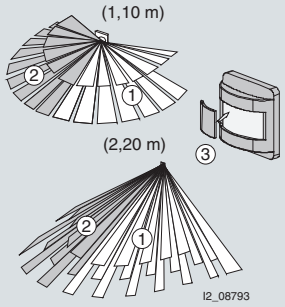
In order to avoid unintended switching operations, the following instructions should be complied with during installation:

- As a result of the thermal radiation from the lighting or an insufficient distance between the motion detector and the lamp, an undefined switch-on operation may be initiated.
- When selecting the mounting location, it should be ensured that no sources of interference, e.g. lamps or heaters are positioned within the sensing field. If this is not possible, a plug-on blind should be used.

© Siemens AG 2011

Motion detector tops

Use of the plug-on blind

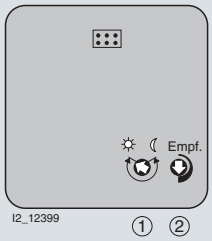


① Sensing range
② Suppressed range
③ Blind

Using the plug-on blind, sources of interference can be suppressed by narrowing the sensing range. The blind covers 90° of the left or right sensing range.

Programming

Setting the brightness threshold



① Brightness controller
② Sensitivity controller

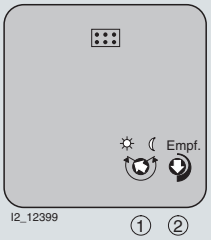
The brightness threshold is the threshold of the brightness at which a detected movement releases a switching operation. The brightness threshold can be set within a range of approx. 0 to 80 lux.

To modify the brightness threshold, the controller ② must be turned in the desired direction.

If the controller ① is set to the "sun" limit stop (> 80 lux), the motion detector top works in day mode and switches irrespective of the current brightness level.

Note: if the motion detector top no longer responds to a detected motion at the "moon" limit stop (night setting, 0 lux), the controller ① must be turned slightly in the direction of the sun.

Setting the sensitivity



① Brightness controller
② Sensitivity controller

The motion detector top has an internal algorithm which automatically adjusts the device to ambient conditions. This virtually eliminates the possibility of unintended switching operations.

Under normal circumstances, the controller should be set to maximum sensitivity.

If, in exceptional cases, it is necessary to determine a different sensitivity level, this can be done using the controller ②.

Behavior in case of power failure/recovery

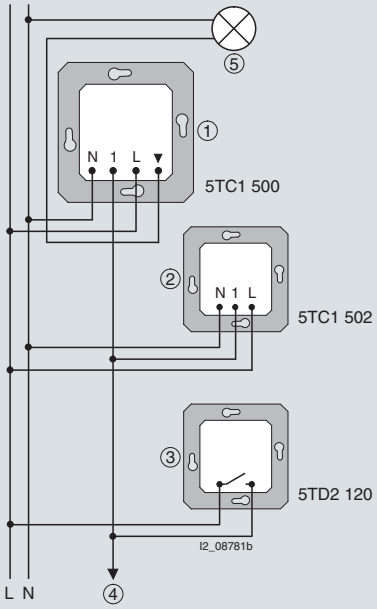
Interruption time	Behavior
< 200 ms	No change of the switching state.
200 ms … approx. 1 s	In case of a power recovery, the duration of the delay time is activated (retriggering)
> approx. 1 s	In case of power recovery, auto-test for approx. 60 s The lighting is switched on for the time of the auto-test. After the test has been completed, the lighting is switched off and the motion detector top is ready for operation.

Behavior when pulling off the motion detector top

The switching state of the insert is retained. If the motion detector top is plugged on again, it behaves in the same way as after a power failure of longer than approx. 1 s.

© Siemens AG 2011

Schematics



① Motion detector relay insert
② Motion detector extension unit insert
③ Mechanical pushbutton without a glow lamp
④ Connection of further extension units
⑤ Load

Caution: It is not permissible to connect motion detector center units in parallel.

Extension units

The sensing range of the center unit can be extended by means of a motion detector extension unit insert ② used in conjunction with a motion detector top. Motion detector extension unit inserts issue brightness-independent motion signals to the center unit. The brightness evaluation and the delay time are determined by the center unit.

Mechanical pushbuttons

By using a mechanical pushbutton without a glow lamp ③, the lighting can be switched on or retriggered irrespective of the current brightness level.

It is not possible to switch off the lighting.

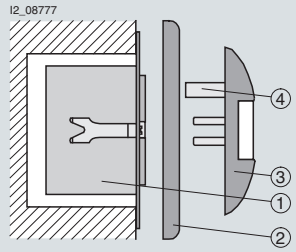
Note:

- Long and short operation have the same effect.
- It is not permissible to connect motion detector center units in parallel.
- If the mechanical pushbutton requires lighting, the 5TD2 114 type can be installed if there is a neutral conductor.

© Siemens AG 2011

Comfort motion detector tops

Design



① Motion detector insert
② Frame
③ Motion detector top
④ Plug

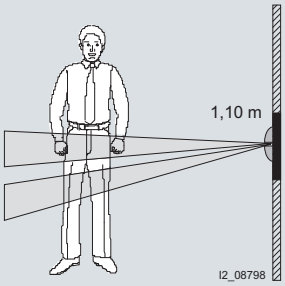
The motion detector insert ① is mounted in a DIN 49073-compliant device box.

The terminals of the insert must be directed downwards (wall mounting) as otherwise malfunctions may result.

Together with the motion detector top ③, the frame ② is plugged onto the insert.

An optimum detection is attained by mounting the top laterally to the walking direction. Otherwise, a delayed detection must be taken into account.

The 1.10 m lens



Mode of operation of the 1.10 m lens

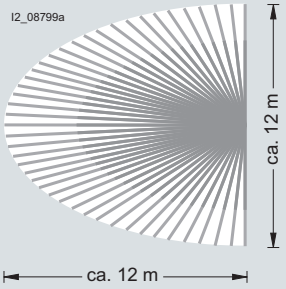
The mounting height generally amounts to 1.10 m.

The lens has a sensing range with an opening angle of 180° in two levels.

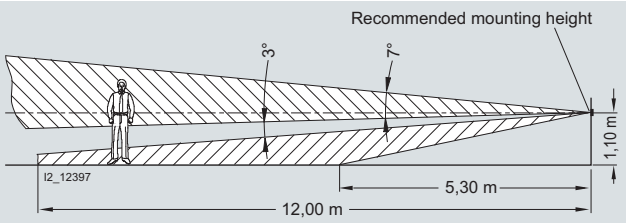
The size of the sensing range amounts to approx. 12 x 12 m related to an mounting height of 1.10 m. With other mounting heights, the detection radius varies.

As a result of the right-angled adjustment of the upper lens level, the sensing range is not subject to spatial limitations. Therefore, even motions outside the defined sensing range may initiate switching operations under certain circumstances (overreach).

Note: due to the almost horizontal adjustment of the upper sensing level, the motion detector tops equipped with the 1.10 m lens are basically suitable for indoor use only.

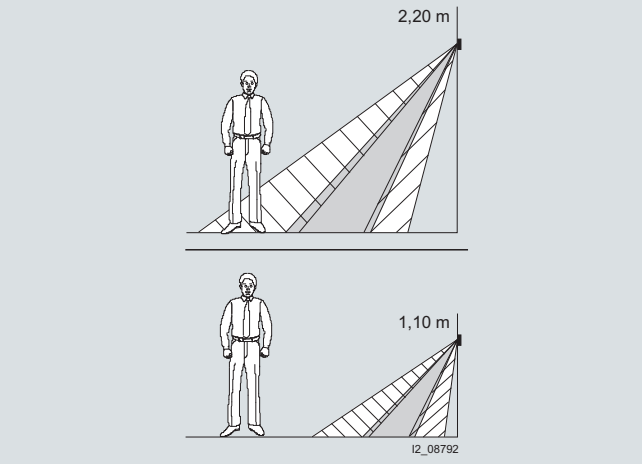


Sensing range of the 1.10 m lens

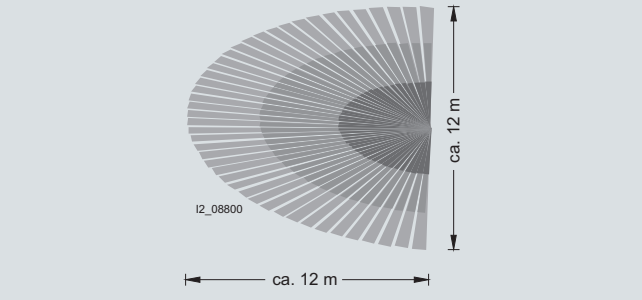


© Siemens AG 2011

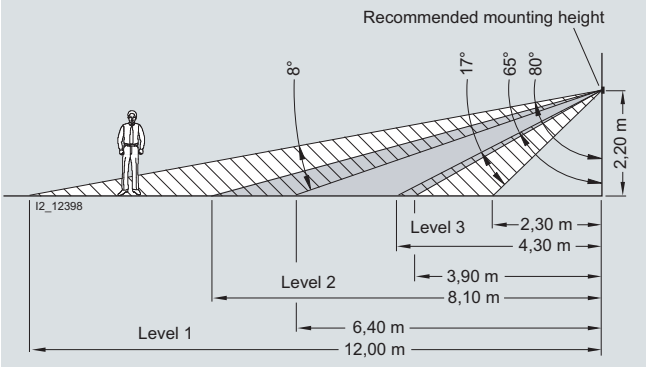
The 2.20 m lens



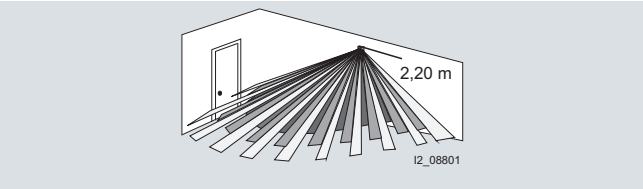
Mode of operation of the 2.20 m lens



Sensing range of the 2.20 m lens



The lens has three ranges of sensing levels, so that the sensing range is divided into near, medium and distant range.



The sensing levels of the 2.20 m lens arranged from the top to the bottom

The mounting height generally amounts to 2.20 or 1.10 m.

If a mounting height higher than 2.20 m is selected, please note that under certain circumstances the energy radiated by a more distant heat signal source is not sufficient to release the motion detector top.

The lens has a sensing range with an opening angle of 180° in three levels. The three levels are directed from top to bottom.

The size of the sensing range equals

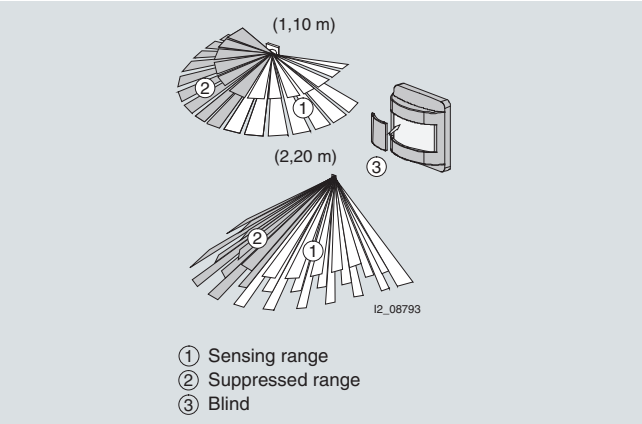
- For a mounting height of 2.20 m: approx. 12 m x 12 m
- For an mounting height of 1.10 m: approx. 6 m x 6 m

Avoidance of sources of interference

In order to avoid unintended switching operations, the following instructions should be complied with during installation:

- As a result of the thermal radiation from the lighting or an insufficient distance between the motion detector and the lamp, an undefined switch-on operation may be initiated.
- When selecting the mounting location, it should be ensured that no sources of interference, e.g. lamps or heaters are positioned within the sensing field. If this is not possible, a plug-on blind should be used.

Use of the plug-on blind



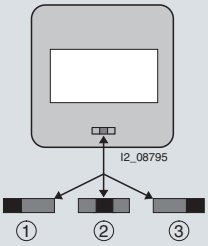
Using the plug-on blind, sources of interference can be suppressed by narrowing the sensing range. The blind covers 90° of the left or right sensing range.

© Siemens AG 2011

Comfort motion detector tops

Programming

Operating modes

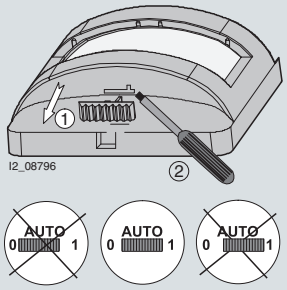


① Mode of operation "Continuous OFF"
② Mode of operation "Automatic mode"
③ Mode of operation "Continuous ON"

On the Comfort motion detector top, three different operating modes can be set by means of a switch:

- Continuous OFF
  For this mode, the switch must be moved to the ① position. The lighting is continuously switched off. Switching is not possible by means of extension units.
- Automatic mode
  For this mode, the switch must be moved to the ② position. If a motion is detected, the Comfort motion detector top switches on in dependence of brightness and if the motion is no longer detected, it is switched off after the set delay time has expired. Switching is possible by means of extension units.
- Continuous ON
  For this mode, the switch must be moved to the ③ position. The lighting is continuously switched on. Switching is not possible by means of extension units.

Locking of the switch

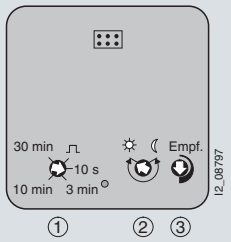


① Slider
② Screwdriver

The switch can be interlocked in the automatic mode switching position using a locking clip:

- Set the device to automatic mode
- Carefully remove the slider ① with a screwdriver
- Insert the locking clip

Adjusting the delay time



① Overtravel time controller
② Brightness controller
③ Sensitivity controller

The delay time determines how long the lighting remains switched on if a motion is no longer detected. The delay time can be set within a range of 10 s to approx. 30 min. The setting is carried out non-linearly, longer times can only be specified within a relatively rough grid.

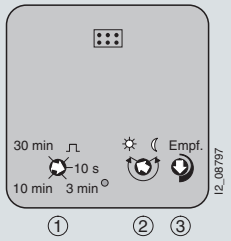
To modify the delay time, turn the ① controller in the desired direction.

If the Comfort motion detector top has switched on, each further detected motion results in a retriggering of the delay time. This means, the delay time starts anew.

The Comfort motion detector top does not support a forced shutdown. This means, continuous motion within the sensing field results in continuous light.

© Siemens AG 2011

Setting of short-time duty



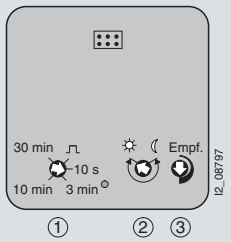
① Overtravel time controller
② Brightness controller
③ Sensitivity controller

Within the scope of a special operating mode, the Comfort motion detector top can also be set to short-time duty. The short-time duty operates irrespective of the current brightness level and can be used, e.g. for controlling a bell.

For this mode the delay time controller ① is set to the shortest time (symbol similar to Ω).

If a motion is detected, the Comfort motion detector top switches on for 0.5 s. If the detector continues to detect motions, the lighting is not switched on again until a locking time of 3 s has expired.

Setting of the brightness threshold



① Overtravel time controller
② Brightness controller
③ Sensitivity controller

The brightness threshold is the threshold of the brightness at which a detected movement releases a switching operation. The brightness threshold can be set within a range of approx. 0 to 80 lux.

To modify the brightness threshold, the controller ② must be turned in the desired direction.

If the controller ② is set to the "sun" limit stop (> 80 lux), the Comfort motion detector top works in day mode and therefore switches irrespective of the current brightness level.

Note: if the Comfort motion detector top no longer responds to a detected motion at the "moon" limit stop (night setting, 0 lux), the controller ① must be turned slightly in the direction of the sun.

The comfort motion detector top has a high immunity to external light. For this reason, the Comfort motion detector top

- Does not interpret a brief illumination (e.g. that of a flashlight) as "brightness threshold exceeded", thus causing it not to switch in the case of motion, so that the motion detector cannot be disabled by exposing it briefly to a bright light,
- Does not interpret brief unintentional shadowing (e.g. by a person) as "brightness threshold fallen below" and does not switch on in case of motion.

The external light immunity is attained by a time delay.

When brightness turns into darkness, the set brightness threshold must be fallen below for at least 10 s before detected motions initiate a switching operation.

The same applies to the changeover from darkness to brightness. Only if the set brightness threshold has been exceeded by at least 10 s will detected motions no longer initiate a switching operation.

Exception: If the Comfort motion detector top has just switched off, the 10 s time delay is no longer active.

Releasing the teach function

By means of the teach function, the current ambient brightness can be stored as brightness threshold whereas the brightness threshold set at the controller is no longer evaluated.

To activate the teach function, the Comfort motion detector top must be completely covered briefly (approx. 1 s) at least 3 times, e.g. using your hand, within a 9-second period.

As soon as the Comfort motion detector top has detected three light changes, the teach function is activated. This activation is confirmed

- When the switched on lighting is switched off and subsequently switched on for 3 s,
- The switched off lighting is switched on for 3 s.

You then need to step away from the Comfort motion detector top for at least one minute in order to enable it to correctly measure and store the current brightness.

The lighting then switches on for 3 s to confirm that this brightness level has been stored.

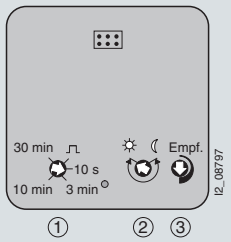
The Comfort motion detector top switches to the set operating mode.

If the brightness threshold set at the controller is to be reactivated, the Comfort motion detector top must be pulled off the insert and plugged on again.

© Siemens AG 2011

Comfort motion detector tops

Setting the sensitivity



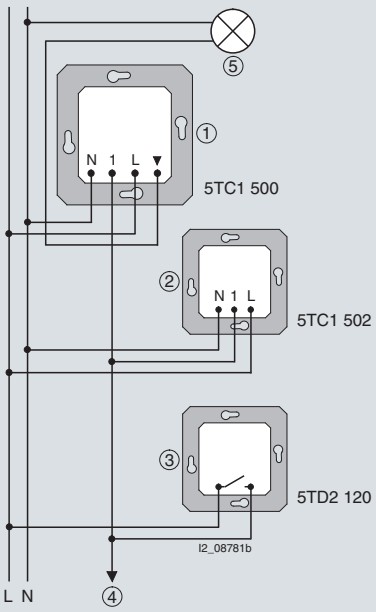
① Overtravel time controller
② Brightness controller
③ Sensitivity controller

The Comfort motion detector top has an internal algorithm which carries out an automatic adjustment to the ambient conditions. This virtually eliminates the possibility of unintended switching operations.

Under normal circumstances, the controller should be set to maximum sensitivity.

If, in exceptional cases, it is necessary to determine a different sensitivity level, this can be done using the controller ③.

Schematics



① Motion detector relay insert
② Motion detector extension unit insert
③ Mechanical pushbutton without a glow lamp
④ Connection of further extension units
⑤ Load

Caution: It is not permissible to connect motion detector center units in parallel.

Extension units

The sensing range of a center unit can be extended by means of extension units. This can be achieved by combining, for example, a Comfort motion detector top with a motion detector extension unit insert and connecting it to the center unit.

Caution:

- Motion detector extension units are not suitable for the direct switching of loads but just issue brightness-independent motion signals to the center unit.
- The brightness threshold, the operating mode and the delay time are set and evaluated at the center unit only.
- The operating mode switch and the controllers for brightness and delay time of the Comfort motion detector top on the extension unit have no function.
- If required, the Comfort motion detector top plugged onto the extension unit can be adjusted over the respective controller (see the section *Programming*).
- When combining the Comfort motion detector top with the motion detector extension unit insert, please note that after the lighting has been switched off, there is a locking time of approx. 3 s before the extension unit can be switched on again.

Mechanical pushbuttons

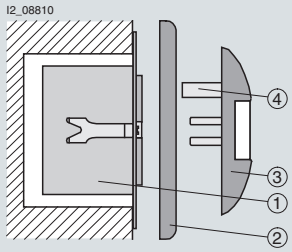
Using mechanical pushbuttons without a glow lamp (NO contact) ③ and with automatic mode activated, the Comfort motion detector top can be operated from several sides.

In case of a short operation in the switched off state, the lighting is switched on irrespective of the current brightness level.

It is not possible to switch off the lighting.

© Siemens AG 2011

Design



① Motion detector relay insert
② Frame
③ Motion detector top
④ Plug

The motion detector relay insert ① is mounted in a DIN 49073-compliant device box.

The terminals of the motion detector relay insert must be directed downwards (for wall mounting).

Only use the motion detector relay insert in combination with a motion detector top. Plug the motion detector top ③ together with the frame ② onto the insert. The electrical contacting is achieved over the plug ④.

Plug on the motion detector top prior to applying the supply voltage. Do not replace the motion detector top if the insert is connected to the power supply as this will cause a malfunction.

Power losses > 1 s lead to a switch-off of the motion detector relay insert.

Connect an upstream miniature circuit breaker 10 A for device protection.

Observe the maximum connected load and the load specifications contained in the technical specifications.

Depending on the mounting type, the max. connected load must be reduced by:

- –10 % each time the ambient temperature of 25 °C is exceeded by 5 °C,
- –15 % for mounting on wood, Rigips or cavity walls,
- –20 % for mounting in multiple combinations.

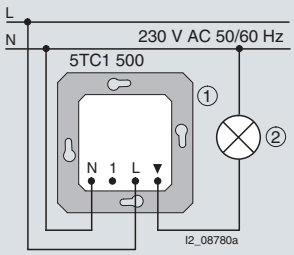
Use of extension units

The sensing field of the center unit can be extended by means of the motion detector extension unit insert.

If mechanical pushbuttons are used (NO contacts), the lighting can be switched on from several sides irrespective of the current brightness level.

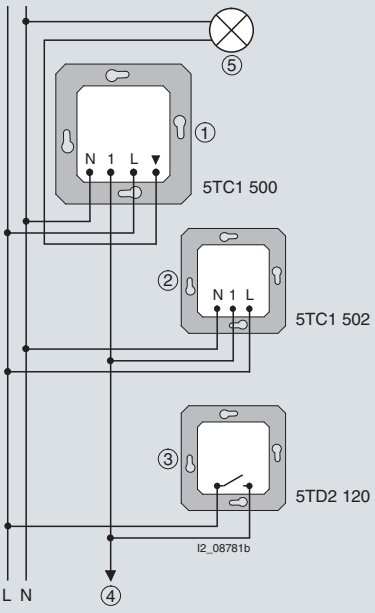
Note: A motion detector top must be mounted on the center unit - otherwise, there will be no function. A motion detector extension unit insert and a mechanical pushbutton without a glow lamp can be connected to a center unit in combination.

Schematics



① Motion detector relay insert
② Load

Connection of motion detector relay inserts



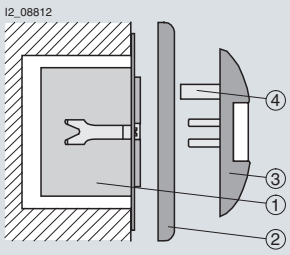
① Motion detector relay insert
② Motion detector extension unit insert
③ Mechanical pushbutton without a glow lamp
④ Connection of further extension units
⑤ Load

Connection of all possible inserts

© Siemens AG 2011

Motion detector triac inserts (5TC1 501)

Design



① Motion detector Triac insert
② Frame
③ Motion detector top
④ Plug

The motion detector triac insert ① is mounted in a DIN 49073-compliant device box.

The terminals of the motion detector triac insert must be directed downwards (for wall mounting).

Only use the motion detector triac insert in combination with a motion detector top ③. Together with the frame ②, the top is plugged onto the insert ①. The electrical contacting is achieved over the plug ④.

Load conventional transformers with at least 85 % of the rated load with lamps.

The total load including the transformer power loss must not exceed 400 W/VA.

Depending on the mounting type, the max. connected load must be reduced by:

- –10 % each time the ambient temperature of 25 °C is exceeded by 5 °C,
- –15 % for mounting on wood, Rigips or cavity walls,
- –20 % for mounting in multiple combinations.

Use of extension units

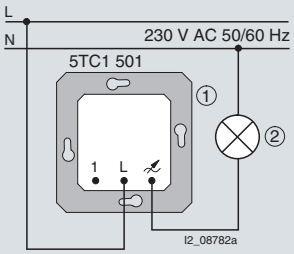
The sensing field of the center unit can be extended by means of the motion detector extension unit insert.

If mechanical pushbuttons are used (NO contacts), the lighting can be switched on from several sides irrespective of the current brightness level.

Note: A motion detector top must be mounted on the center unit - otherwise, there will be no function.

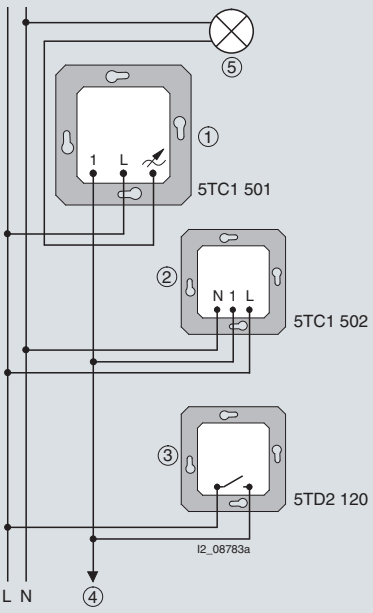
A mechanical pushbutton insert without a glow lamp and a motion detector extension unit insert may also be combined.

Schematics



① Motion detector Triac insert
② Load

Connection of the motion detector triac insert



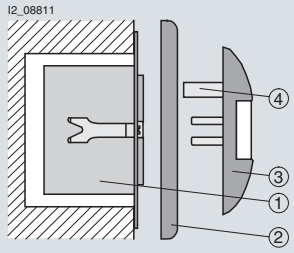
① Motion detector Triac insert
② Motion detector extension unit insert
③ Mechanical pushbutton without a glow lamp
④ Connection of further extension units
⑤ Load

Connection of all possible inserts

© Siemens AG 2011

Motion detector extension unit inserts (5TC1 502)

Design



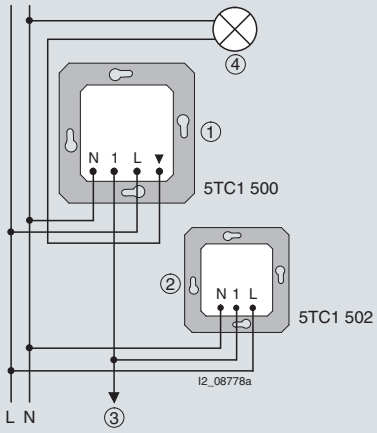
① Motion detector extension unit insert
② Frame
③ Motion detector top
④ Plug

The motion detector extension unit insert ① is mounted in a DIN 49073-compliant device box. The terminals of the insert must be directed downwards (for wall mounting).

Together with the frame ②, the top ③ is plugged onto the insert.

The electrical contacting is achieved over the plug ④.

Schematics



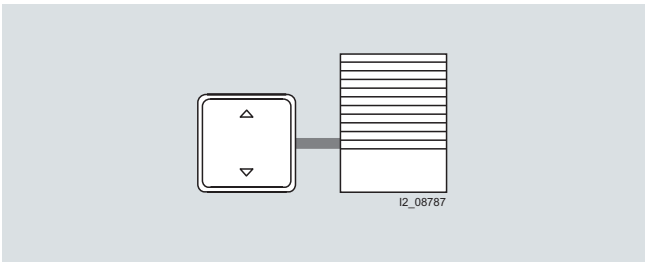
① Main control location
② Extension unit
③ Further extension units
④ Load

© Siemens AG 2011

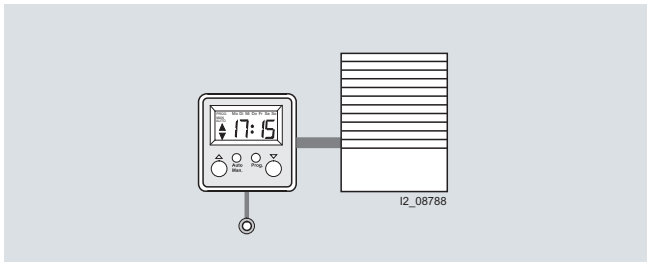
General

Overview

Individual control, demonstrated using i-system titanium white

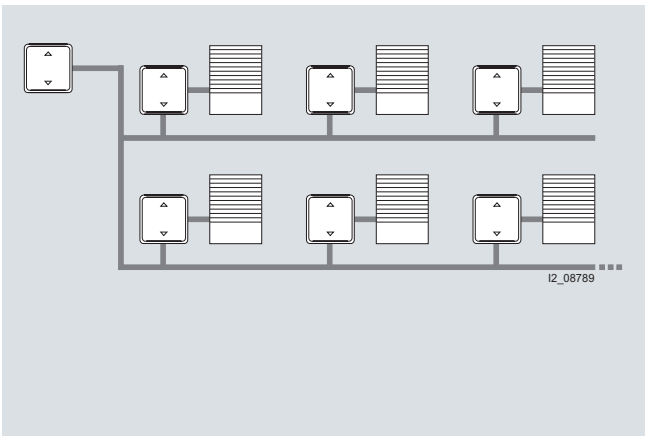


Shutter/blind control with shutter/blind sys insert (5TC1 231)
and sys shutter/blind pushbutton (5TC1 321)

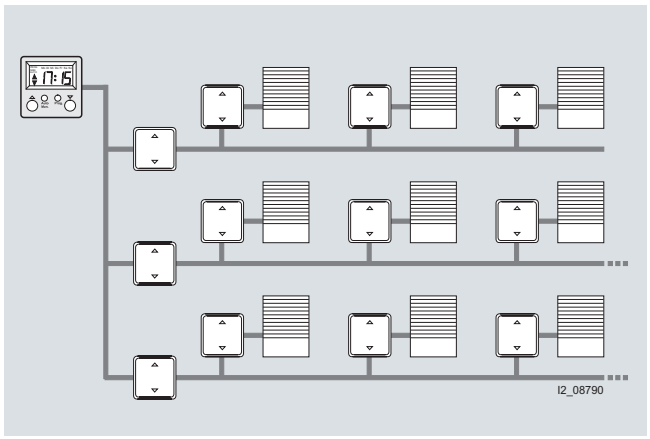


Shutter/blind control with Comfort shutter/blind control complete assembly (5TC1 521) and sun sensor (5TC1 526)

Group and central controls, demonstrated using i-system titanium white



Shutter/blind control with sys shutter/blind inserts (5TC1 231)
and Shutter/blind sys pushbuttons (5TC1 321)

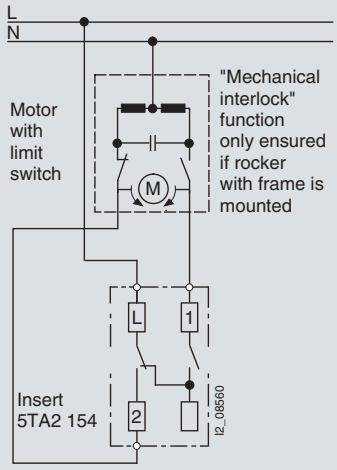


Shutter/blind control with sys shutter/blind inserts (5TC1 231)
and sys shutter/blind pushbuttons (5TC1 321)
and shutter/blind control complete assembly (5TC1 520)
or Comfort shutter/blind control (5TC1 521)

© Siemens AG 2011

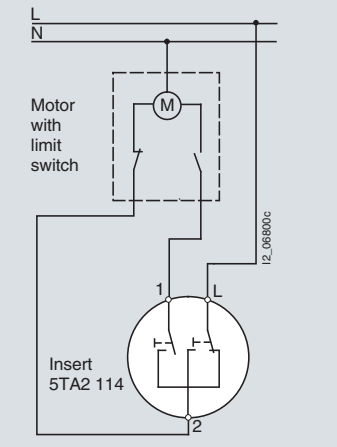
Shutter/blind switches, with electrical and mechanical interlock (5TA2 154)

Schematics



Shutter/blind pushbuttons, with electrical interlock

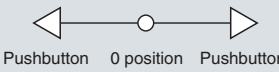
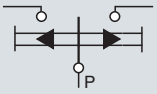
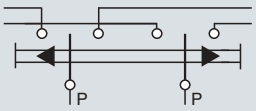
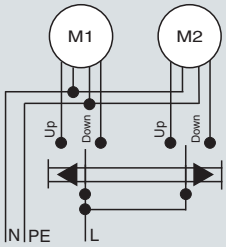
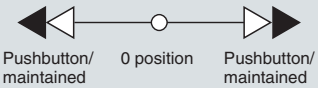
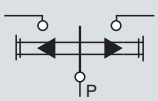
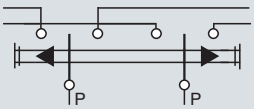
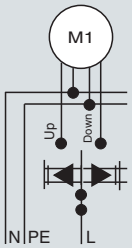
Schematics



© Siemens AG 2011

Shutter/blind knob-operated switches

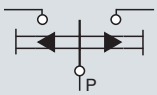
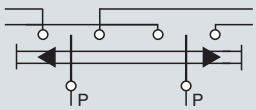
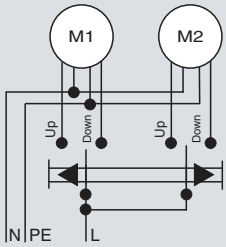
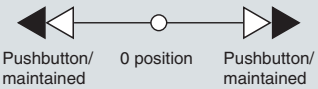
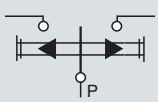
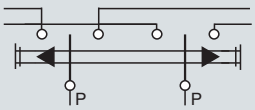
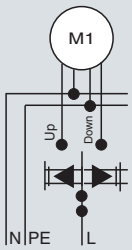
Schematics

Symbols	Circuit diagram	Application example
	 1-pole 5TA7 663 5TA7 674  2-pole	 2-pole
	 1-pole 5TA7 660 5TA7 671  2-pole 5TA7 661 5TA7 672	 1-pole

I2_12165

Shutter/blind key-operated switches

Schematics

Symbols	Circuit diagram	Application example
	 1-pole 5TA7 666 5TA7 677  2-pole 5TA7 667 5TA7 678	 2-pole
	 1-pole 5TA7 664 5TA7 675  2-pole 5TA7 665 5TA7 676	 1-pole

I2_12166

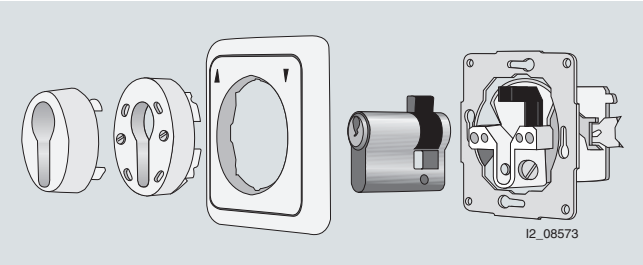
© Siemens AG 2011

Shutter/blind key-operated switches, for master-key systems

Overview

All profile semicylinders must comply with DIN 18252 with approx. 40 mm overall length. Examples:

Make	Name
CEC	No. 8511/2 (as PH 22)
BKS	No. 3101
Wilka	No. Z 1411 12h
Zeiss Ikon	No. 1600044 = mv

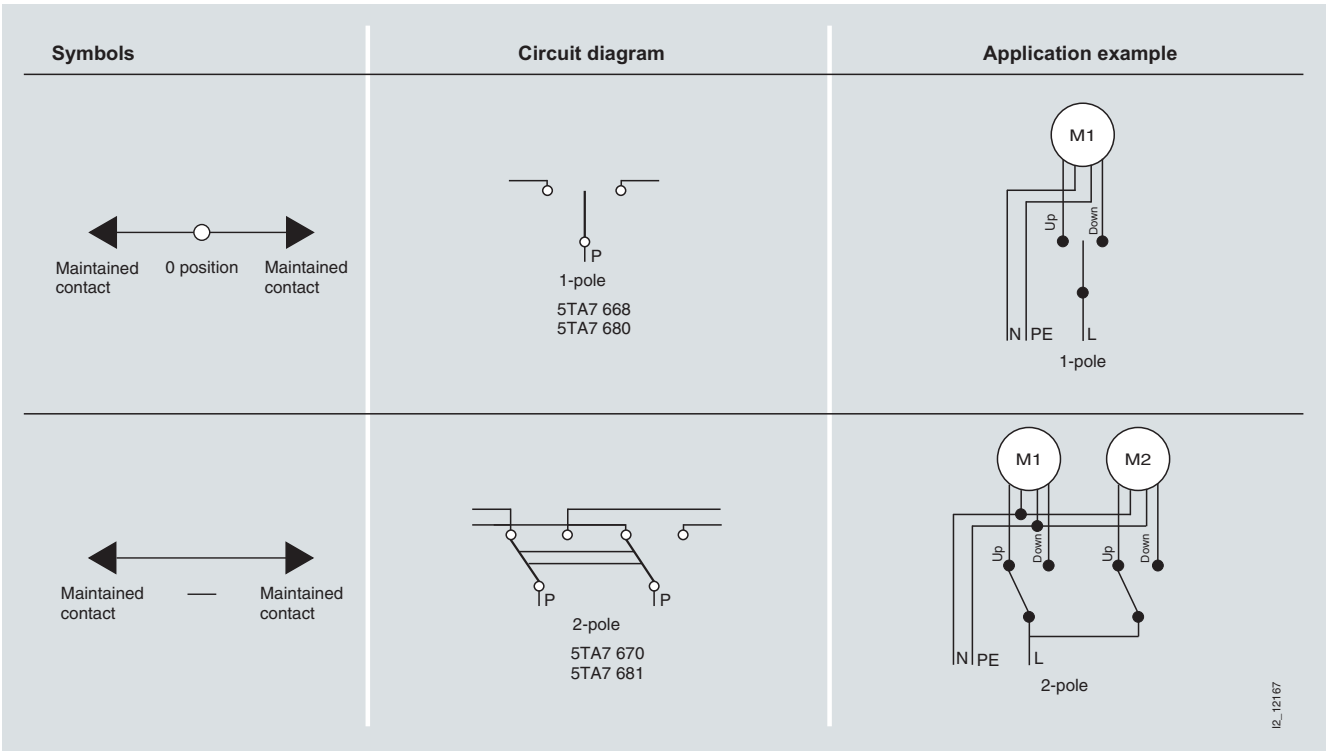


Bit is in neutral position.

The key-operated switch is ideal for use in main and general master-key systems.

In the case of special requirements and existing systems or custom-made tumbler arrangements for master-key systems, the lock barrels must be obtained from a specialist dealer.

Schematics



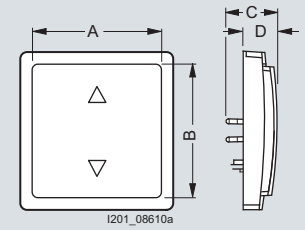
© Siemens AG 2011

sys shutter/blind pushbuttons

Technical specifications

Power supply	Over 230-V user interface (230 V PEI) of the sys shutter/blind control insert
Terminals	10-pole pin connector (230 V PEI) for connection of sys shutter/blind control insert
Mechanical specifications • Enclosure • Dimensions (L x W x D) • Weight • Fire load: • Mounting	 Plastic i-system 55 x 55 x 24 mm (incl. spring) DELTA profil 65 x 65 x 25 mm (incl. spring) DELTA style 68 x 68 x 27 mm (incl. spring) Approx. 30 g Approx. 950 kJ Mounted on the sys shutter/blind control insert
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Standard	 2 IP20 III According to EN 50090-2-2 and IEC 60664-1
EMC requirements	According to EN 50090-2-2, EN 61000-6-3, EN 61000-6-1
Environmental specifications • Resistance to climate • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 EN 50090-2-2 -5 … +45 °C -25 … +70 °C 5 … 93 %
CE marking	According to EMC Directive (residential buildings), Low Voltage Directive

Dimensional drawings



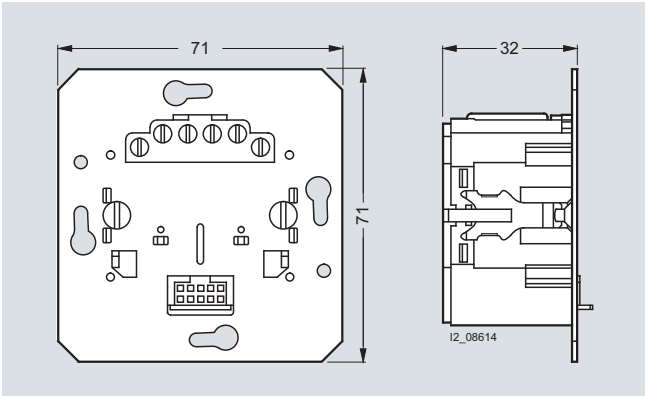
	A	B	C	D
i-system	55	55	24	13
DELTA profil	65	65	25	14
DELTA style	68	68	27	16,5

© Siemens AG 2011

Technical specifications

Power supply	Mains connection 230 V Rated voltage: 230 V AC, 50 Hz
Outputs • Output channel (UP/DOWN) • Rated voltage • Rated current • Switching capacity • Max. duty ratio of the relay • Switchover interval between UP and DOWN operation • Relay ON period for STEP command • System interruptions	 1 230 V AC, 50 Hz 8 A resistive load 1 motor, 1000 VA 120 s 1 s 100 ms < 0.2 s are bridged
Terminals	The connections for the DELTA sys shutter/blind control insert comprise six screw terminals, the following conductor/cross-sections are permissible: • 0.5 … 2.5 mm^2 solid • 0.5 … 1.5 mm^2 finely stranded with end sleeve without insulating collar (gas-tight crimp connection) Caution: If the conductors need to be looped through, only conductors with max. 1.5 mm^2 can be used
Mechanical specifications • Enclosure • Dimensions • Weight • Fire load • Mounting	 Plastic Modular width: 71 mm x 71 mm mounting depth: 32 mm Approx. 75 g Approx. 1000 kJ Installation in device boxes 60 mm Ø, at least 40 mm deep complies with DIN 49073-1
Electrical safety • Pollution degree (acc. to IEC 60664-1) • Degree of protection (acc. to EN 60529) • Overvoltage category (acc. to IEC 60664-1) • Relay	 2 IP20 III µ contact
EMC requirements	According to EN 50090-2-2, EN 60669-2-1, EN 61000-6-3, EN 61000-6-1
Environmental specifications • Resistance to climate • Ambient operating temperature • Storage temperature • Relative humidity (non-condensing)	 EN 50090-2-2 -5 … +45 °C -25 … +70 °C 5 … 93 %
Approvals	VDE certification
CE marking	According to EMC Directive (residential buildings), Low Voltage Directive

Dimensional drawings

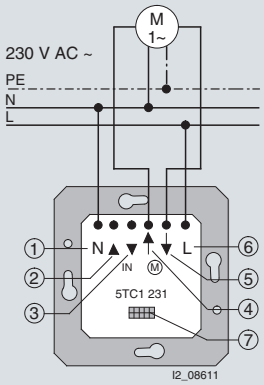


© Siemens AG 2011

sys shutter/blind control inserts (5TC1 231)

Schematics

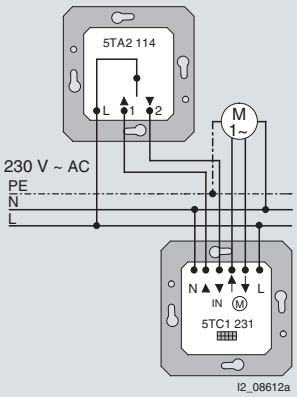
Sample connection



① Neutral conductor
② Secondary input UP
③ Secondary input DOWN
④ Motor UP
⑤ Motor DOWN
⑥ External conductor connection
⑦ Interface (230-V-PEI)

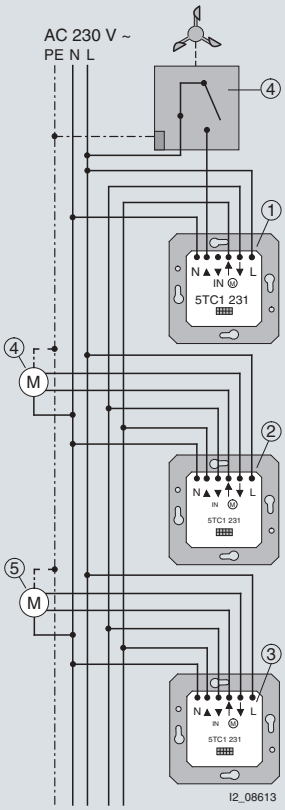
Application options

Example 1:
Shutter/blind control with conventional extension units



When using the shutter/blind pushbutton (5TA2 114), the shutter/blind can be manually moved to the required position (UP/DOWN or STEP command). The number of connectable conventional extension units is unlimited.

Example 2:
Group control with 2 motors and central operating point



Together with the UP 211 wave shutter/blind pushbutton inserts, the sys shutter/blind control insert ① is implemented as a central operating point. The inserts ② and ③ individually control the respective shutter/blind motors M (④ and ⑤). The time values stored in the UP 211 wave shutter/blind pushbutton (e.g. 8:00 UP and 20:00 DOWN command) allow the time-controlled stopping and starting of all connected motors.

Caution:

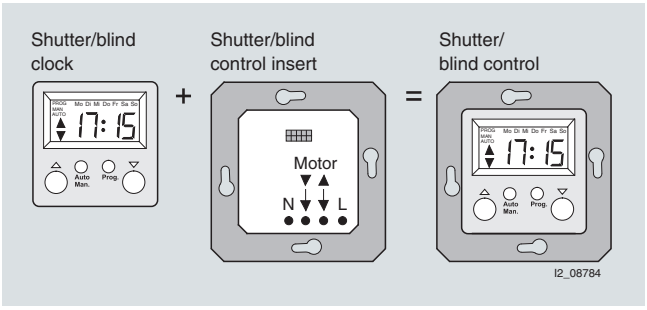
- It is not permissible to use a shutter/blind control sys insert as the central operating point and directly operate a shutter/blind motor.
- When protecting the central operating point against short circuit using a separate residual current operated circuit breaker, both circuits must be isolated in order to prevent inadvertent tripping of the circuit breaker.

Example 3:
Integrating a wind alarm

The indicator for the wind alarm is integrated in the shutter/blind control over the extension unit input. In the event of a wind alarm, the shutters/blinds are raised and locked in that position until the wind alarm is reset over the indicator. As long as the interlock is enabled, neither manual nor automatic operation of the shutters/blinds is possible.

© Siemens AG 2011

Overview

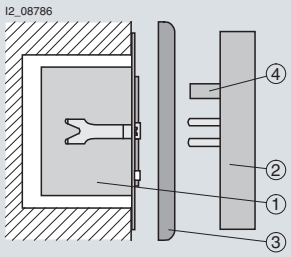


Form of delivery for the shutter/blind control

Product features:

- Easy operation via a 4-button field
- Switching time block Mo to Fr: 1 x UP, 1 x DOWN
- Switching time block Sa to Su: 1 x UP, 1 x DOWN
- Quick configuration function
- Factory-configured switching times
- Reserve power > 6 h over storage capacitor
- Also configurable with an unlocked shutter/blind control insert without extension unit input
- After approx. 30 min, the storage capacitor for the reserve power is completely recharged.

Design



① Shutter/blind control insert
② Shutter/blind clock
③ Frame
④ Plug

The shutter/blind control insert ① is mounted in a DIN 49073-compliant device box (recommendation: deep box).

The terminals of the insert must be directed downwards.

The shutter/blind clock is plugged with the frame ③ onto the insert.

The electrical contacting is achieved over the plug ④.

Programming

With a charged storage capacitor, the control remains configurable for approx. 6 h even with the insert released.

The following factory-preset switching times are stored in the memory:

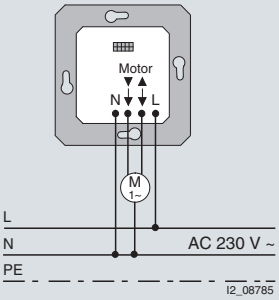
- Switching time 1: ↑ 07:00, Mo. to Fr.
- Switching time 2: ↓ 20:00, Mo. to Fr.
- Switching time 3: ↑ 09:00, Sa. to Su.
- Switching time 4: ↓ 20:00, Sa. to Su.

The current time can be accepted as switching time for the memory by pressing the desired direction of travel (↑ or ↓) and then activating the "Prog" button. The present switching time is overwritten in this case.

Effect of the length of the button stroke:

- Short keystroke (< 1 s): jog mode for adjusting the slats on shutters/blinds
- Long keystroke (> 1 s):
  2 min continuous operation, can be stopped with pushbutton ↑ or ↓.

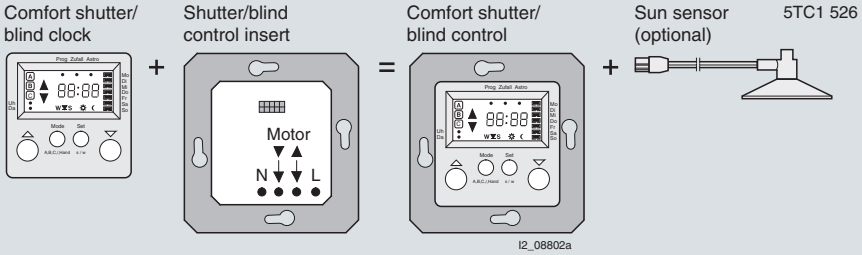
Schematics



© Siemens AG 2011

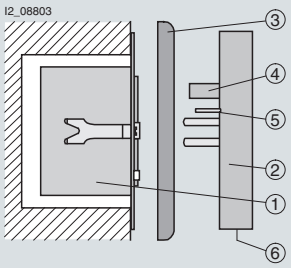
Comfort shutter/blind controls

Overview



Form of delivery for the Comfort shutter/blind control

Design



① Shutter/blind control insert
② Comfort shutter/blind clock
③ Frame
④ Plug
⑤ Plug-in contacts
⑥ Socket contact

The shutter/blind control insert ① is mounted in a DIN 49073-compliant device box (recommendation: deep box).

The terminals of the insert must be directed downwards.

The Comfort shutter/blind clock ② is plugged onto the insert with the frame ③.

The electrical contacting is achieved over the plug ④.

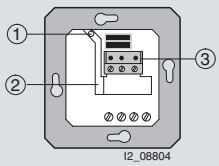
The additional plug-in contacts ⑤ or the socket contact ⑥ of the Comfort shutter/blind clock are used for the adaptation of the sensor cable.

Connection options for the sun sensor cable

There are three ways to connect the sun sensor cable to the Comfort shutter/blind control:

- Flush-mounting routing of the sun sensor cable
- Surface-mounting routing of the sun sensor cable
- Connection of the sun sensor cable by plugs

Flush-mounting routing of the sun sensor cable



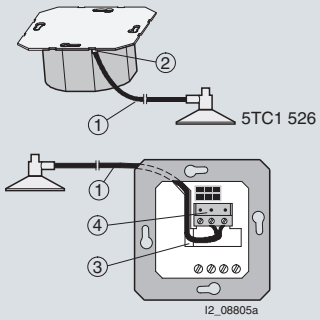
① Drilling
② Cable duct
③ Terminal

When choosing the flush-mounting routing of the sun sensor cable, a suitable cable must be selected. Recommendation: J-Y(ST)Y 2 x 2 x 0.6 mm (telephone cable). The plug at the sun sensor must be removed. The individual wires of the sensor cable are isolated and connected with the selected cable in a suitable manner (soldering, screw terminals or similar).

In this context, it must be ensured that the insulating tube (supplied with the sun sensor) encloses the individual wires from the external cable insulation to the terminal. The cable, together with the insulating tube, is plugged through the drill hole ① of the insert and passed through the cable duct ② to the terminal ③. The terminal (supplied with the sun sensor) is put in the insert as shown in the illustration.

© Siemens AG 2011

Surface-mounting routing of the sun sensor cable

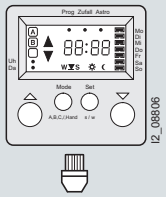


① Cable
② Support frame
③ Cable duct
④ Terminal

The plug at the sun sensor must be removed. The individual wires of the sensor cable are stripped and routed through the insulating tube (supplied with the sun sensor).

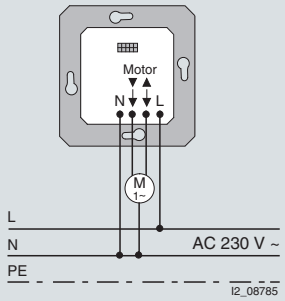
The cable ①, together with the insulating tube, is then routed directly underneath the supporting frame ② through the cable duct ③ to the terminal ④.

Connection of the sun sensor cable by plugs



The sun sensor cable is connected by plugging the plug of the sensor into the socket of the Comfort shutter/blind clock.

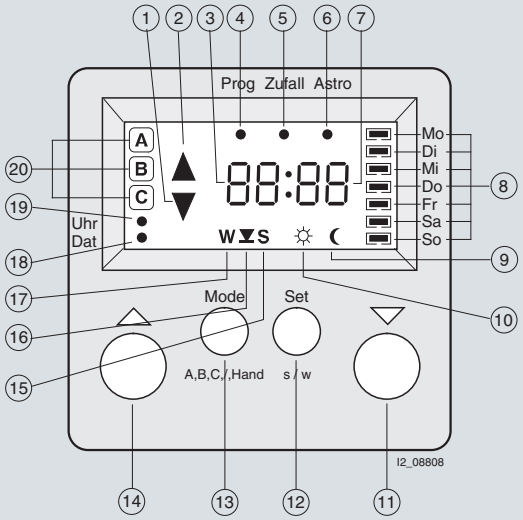
Schematics



© Siemens AG 2011

Programming

Operating and display elements



1. Lowering of shutter/blind activated
2. Raising of shutter/blind activated
3. Time display
4. Configuration mode activated
5. Random function activated
6. Astro function activated
7. Minute display
8. Set day of week
9. Twilight value underrun
10. Brightness value exceeded
11. Manually execute lowering of shutter/blind
12. Set values
13. Select mode
14. Manually execute raising of shutter/blind
15. Mode of operation daylight saving time
16. Learn function activated
17. Mode of operation winter time
18. Set date
19. Set time
20. Program memories A/B/C are activated

Factory settings

While program memories A and B are factory-assigned, they can also be user-defined if required. Operating times that are no longer required must be deleted.

Default factory settings:

- Memory A
  - Switching time 1: 07:00, Mo to Fr, astro function active
  - Switching time 2: 09:00, Sa to Su, astro function active
  - Switching time 3: 20:00, Mo to Fr, astro function active
  - Switching time 4: 21:00, Sa to Su, astro function active
- Memory B
  - Switching time 1: 07:00, Mo to Fr, astro function not active
  - Switching time 2: 09:00, Sa to Su, astro function not active
  - Switching time 3: 20:00, Mo to Fr, astro function not active
  - Switching time 4: 21:00, Sa to Su, astro function not active
- Memory C
  - Not factory assigned.

Independent programs can be stored in the three program memories A, B and C (e.g. for everyday, weekend, vacations etc.).

All three program memories support a maximum of 18 switching times.

The factory settings can be reset at any time.

Daylight savings

To implement daylight savings, the "Set" button must be briefly pressed at the appropriate times on the respective dates in spring and fall.

It can also be used to set whether or not any configured individual motor runtimes are to be executed.

Operating modes

The Comfort shutter/blind clock can be set to the "automatic" and "manual" mode. It has three program memories (A, B, C), which can be alternatively selected in the automatic mode.

- Automatic mode
  The set switching times of the program memory A, B or C are executed. Manual operation is also possible using the ⑪ and ⑭ buttons. A, B or C is shown on the display.
- Manual operation
  Manual operation is only possible by means of the ⑪ and ⑭ buttons. The set switching times of the program memories A, B or C are not executed. A, B or C are not shown on the display.

Automatic mode with program memories A, B, C

In the three program memories, three individual switching time programs can be generated. By selecting the A, B or C program memory, the desired switching time program is activated.

By pressing the "Mode" button, it is possible to change between the program memories (A, B, C) and manual operation.

Manual operation

A manual operation is possible with any operating mode. The shutters/blinds are raised using the ⑭ button and lowered using the ⑪ button.

During operation, a distinction is made between short and long button strokes:

- Short button stroke (< 1 s)
  A pulse is generated in accordance with the duration of the key operation. This function serves to adjust the blind slats.
- Long button stroke (> 1 s)
  The shutter/blind control is set to maintained function (continuous operation). If no other motor runtimes are programmed, a runtime of approx. 2 min is executed.

© Siemens AG 2011

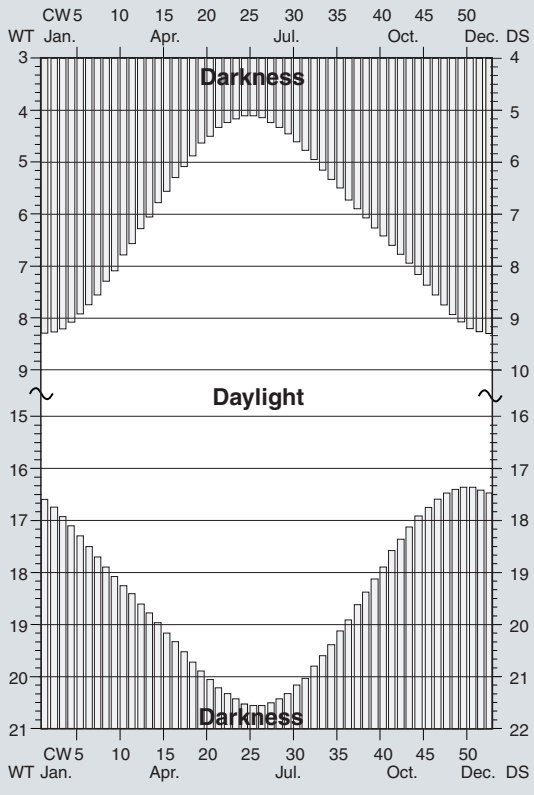
Adjusting the astro time for sunrise and sunset

Astro times reflect the sunrise and sunset times in the course of a calendar year. The modification of the astro time facilitates an individual adjustment of the factory-calculated sunrise and sunset times to local conditions.

The adjustment is executed for all days of the year.

The maximum adjustment of the astro times equals +/- 1 h 59 min for both the sunrise and sunset times. Note: it is therefore possible to compensate "brighter" and "darker" sites of installation.

- Example 1
  The patio is located at the southwest side of the house. So that it remains brighter longer as the sun sets in the west. The astro time for the sunset can therefore be delayed (e.g. +0:25 -> the shutters/blinds are lowered 25 min later).
- Example 2
  With a hillside situation at the east side of a house, it gets dark earlier than specified in the astro curve. The astro time for the sunset can therefore be set to an earlier time. (e.g. -0:20 -> the shutters/blinds are lowered 20 min earlier).
- Example 3
  You would like to enjoy the morning sunrise in the kitchen. To ensure that the shutters/blinds in the kitchen are already raised at this time, simply set the astro time for the sunset to an earlier time. (e.g. -0:30 -> the shutters/blinds are raised 30 min earlier).



WT Winter time (Central European time)
DS Daylight saving time (winter time + 1 h)
CW Calendar week

Astro curve

The astro curve displays the approximate sunrise and sunset time in the course of a calendar year. The astro time does not change within a calendar week. The times stated in the graphics refer to the Würzburg location.

Example: Astro time in calendar week 10 for

- Sunrise approx. 6:50 am
- Sunset approx. 6:15 pm

Setting the individual motor runtime

The motor runtime is factory-set to approx. 2 min. It can be reduced (only for the Down direction) or increased to a maximum of 12 min (Up and Down direction).

An individual motor runtime of less than 2 min is only executed with down commands if the shutters/blinds have previously been automatically or manually raised to their highest position.

If the shutters/blinds are not in their top position, the standard runtime of 2 min is executed instead of the individual runtime of less than 2 min.

An individual runtime of more than 2 min is executed both in the Down and Up direction.

An individual runtime of less than 2 min is only executed in the Down direction.

The upward travel time amounts in any case to at least 2 min.

Sun protection and twilight function

Note: A sun sensor (5TC1 526) is also required to execute this function. This must be ordered separately.

The sun protection function

The sun protection function is only executed if the shutters/blinds are in the top limit position.

The sun protection function automatically lowers the shutters/blinds if it gets too bright. As soon as the predefined brightness value is exceeded, the sun symbol starts to flash and the shutter/blind is lowered after 2 min. The sensor position on the window pane determines the stop position of the shutters/blinds:

- When the sensor position is reached, the shutters/blinds stop.
- They are then raised enough to uncover the sun sensor and
- Then lowered again until they are just above the sun sensor.

This ensures that the sun sensor is not covered and changes in brightness can be detected. For optimum sun protection, the position of the shutters/blinds is readjusted hourly.

If the programmed brightness value is fallen below for 15 min, the shutters/blinds are raised again.

Note: the delay times of 2 or 15 min are necessary in order to prevent premature movement of the shutter/blind when there are brief fluctuations of brightness.

The sun protection function is deactivated by briefly pressing the ⑪ button.

The twilight function

The twilight function automatically lowers the shutters/blinds if it gets too dark. As soon as the predefined brightness value is fallen below, the moon symbol starts to flash and after 4 minutes the shutters/blinds are lowered to their lowest limit stop.

The twilight function is not activated until 2 h before the sunset astro time. This prevents a sun sensor located in shade during the day from lowering the shutters/blinds when it is not wanted.

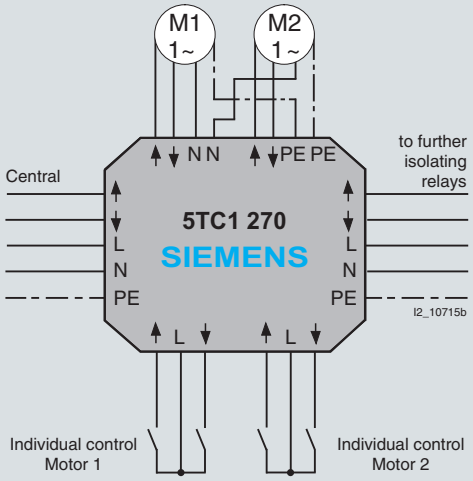
If the twilight function is to be executed for switching times, these times must be programmed with astro. Here, the twilight function replaces the sunset astro time.

Switching times without astro are executed at the programmed instant, irrespective of the current brightness level.

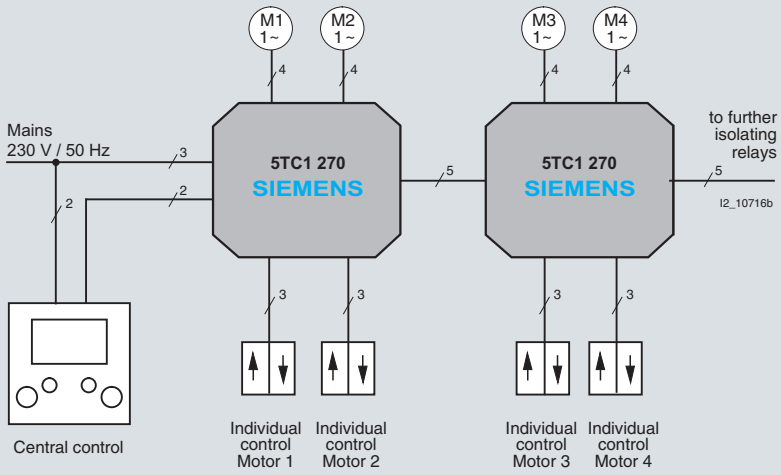
© Siemens AG 2011

Shutter/blind control flush-mounting isolating relays (5TC1 270)

Schematics



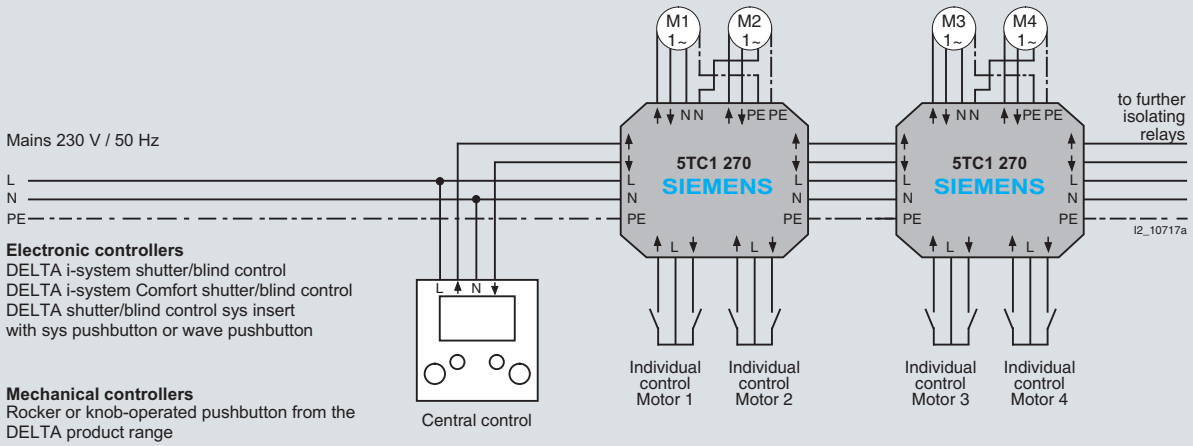
Sample connection



Electronic controllers
DELTA i-system shutter/blind control
DELTA i-system Comfort shutter/blind control
DELTA shutter/blind control sys insert
with sys pushbutton or wave pushbutton

Mechanical controllers
Rocker or knob-operated pushbutton from the DELTA product range

Wiring diagram



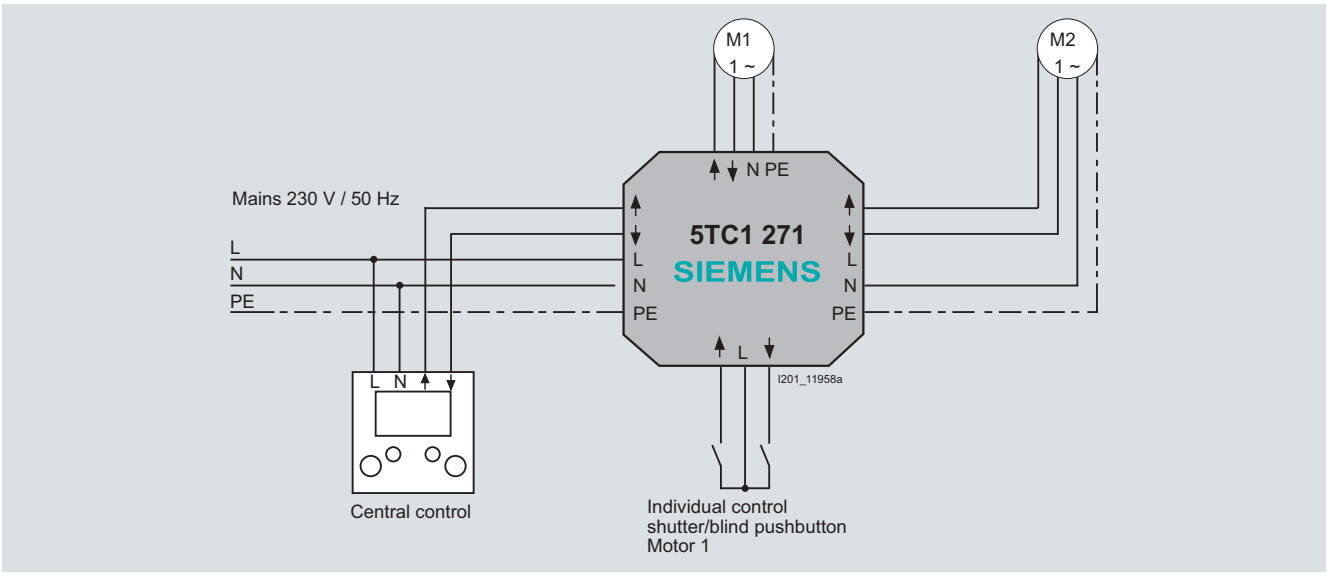
Electronic controllers
DELTA i-system shutter/blind control
DELTA i-system Comfort shutter/blind control
DELTA shutter/blind control sys insert
with sys pushbutton or wave pushbutton

Mechanical controllers
Rocker or knob-operated pushbutton from the DELTA product range

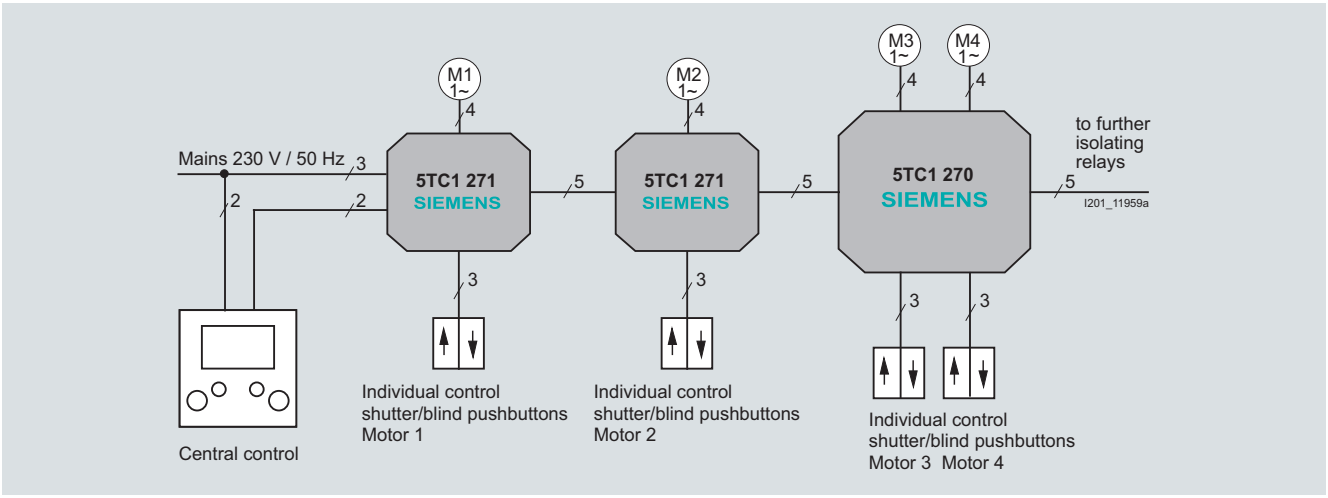
Wiring diagram

© Siemens AG 2011

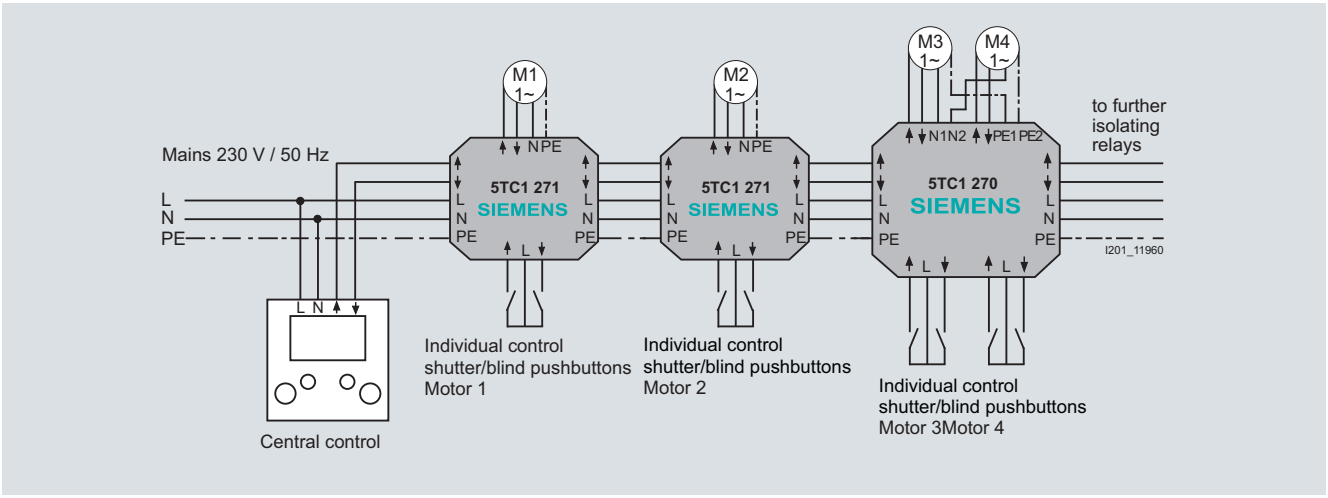
Schematics



Sample connection



Wiring diagram

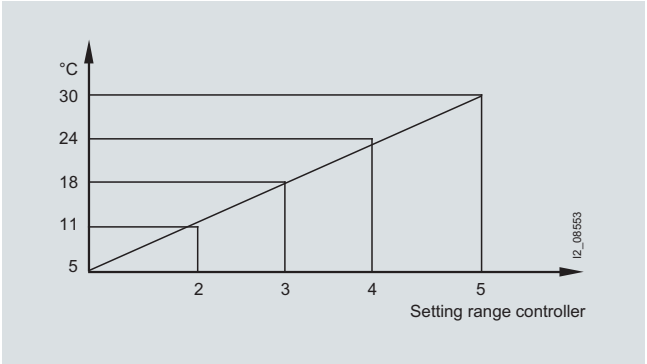


Wiring diagram

© Siemens AG 2011

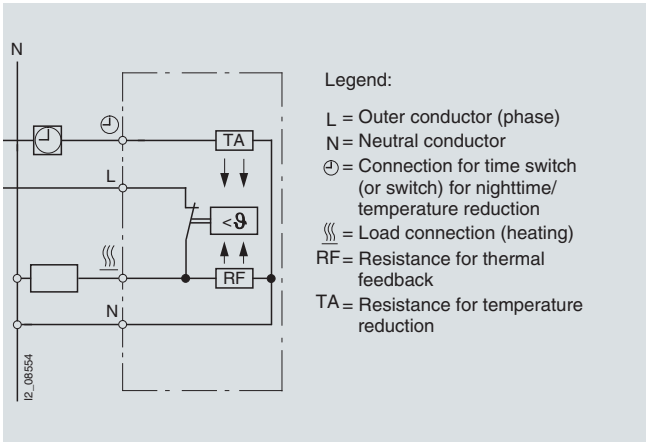
Room temperature controllers, 1 NC contact (5TC9 200)

Function



Range restriction in the setting button

Schematics

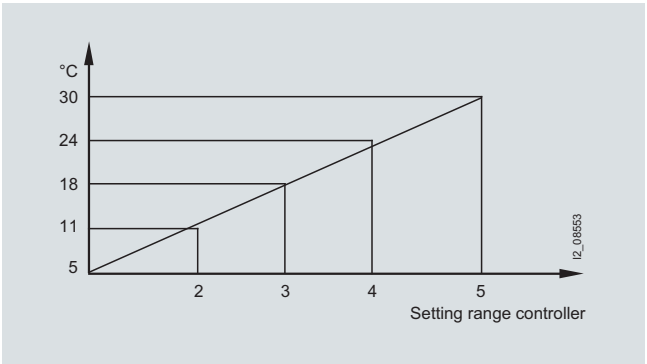


Technical specifications

Temperature range	5 … 30 °C
Operational voltage	230 V AC, 50/60 Hz
Switch contact	1 NC contact
Rated current	10 (4) A
Switching temperature difference	Approx. 0.5 K
Temperature reduction	Approx. 4 K
Degree of protection/safety class	IP30/totally insulated

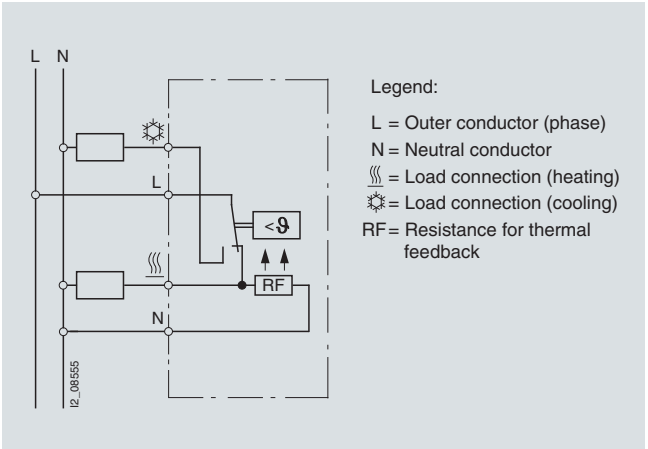
Room temperature controllers, 1 CO contact (5TC9 201)

Function



Range restriction in the setting button

Schematics



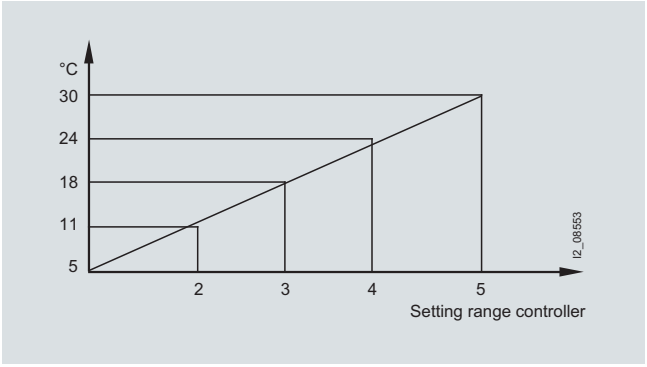
Technical specifications

Temperature range	5 … 30 °C
Operational voltage	230 V AC, 50/60 Hz
Switch contact	1 CO contact
Rated current	10 (4) A (heating) 5 (2) A (cooling)
Switching temperature difference	Approx. 0.5 K
Temperature reduction	Approx. 4 K
Degree of protection/safety class	IP30/totally insulated

© Siemens AG 2011

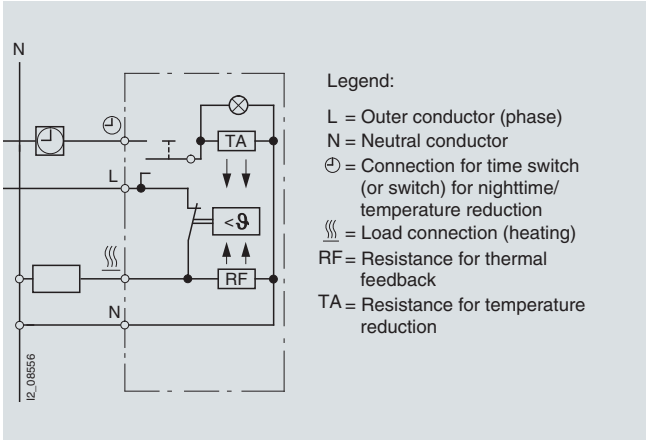
Room temperature controllers, 3-position switch (5TC9 202)

Function



Range restriction in the setting button

Schematics

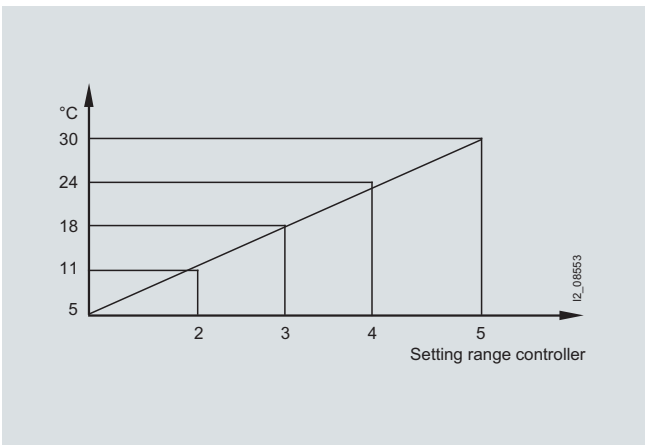


Technical specifications

Temperature range	5 … 30 °C
Operational voltage	230 V AC, 50/60 Hz
Switch contact	1 NC contact
Rated current	10 (4) A (heating)
Switching temperature difference	Approx. 0.5 K
Temperature reduction	Approx. 5 K
Degree of protection/safety class	IP30/totally insulated

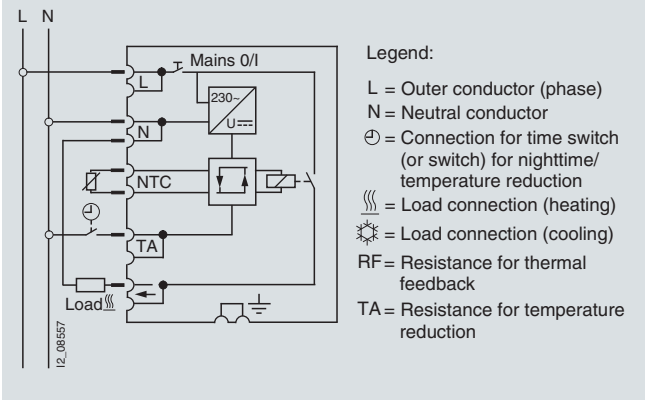
Room temperature controllers, direct floor heating (5TC9 203)

Function



Range restriction in the setting button

Schematics



© Siemens AG 2011

Room temperature controllers, direct floor heating (5TC9 203)

Technical specifications

Control devices	
Temperature range	5 … 50 °C
Operational voltage	230 V AC, 50/60 Hz
Tolerance range	195 … 253 V AC, 50 Hz
Switch contact	1 NO contact
Rated current (250 AC)	10 A at p.f. =1.0 (heating)
Switching capacity	2.3 kW
Switches	Power supply "ON/OFF"
Display LED	Red: control device demands heat (heating mode) Green: Temperature reduction "ON"
Switching temperature difference	Approx. 1 K
Temperature reduction	Approx. 5 K
Degree of protection/safety class	IP30/totally insulated
Remote sensors	
Sensor element	NTC according to DIN 44574
Sensor cable	PVC, 2 x 0.50 mm^2, length 4 m
Degree of protection	IP68 (according to DIN VDE 0470T1)
Ambient temperature	-25 … +70 °C

Sensor characteristics of measuring instrument $R_i > 1M$

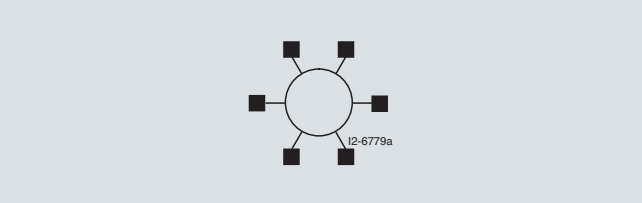
Temperatures in °C	Resistance in kΩ
5	4.527
10	3.657
15	2.974
20	2.432
25	2.000
30	1.655
35	1.379
40	1.151
45	0.968
50	0.816

© Siemens AG 2011

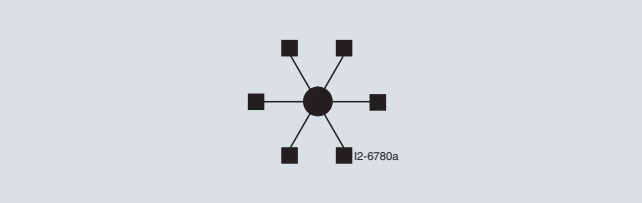
Overview

Data networks

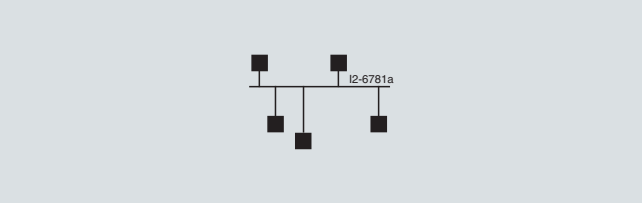
The following three versions are used primarily for the data network:



Ring networks



Star-type networks



Bus networks

Ring networks

In a ring network, the users (network nodes) are connected in a closed loop. The data are transmitted from network node to network node in one direction. To expand the system, simply open the ring and add another user.

Star-type networks

When a star structure is used, all users are linked to a control room, which also operates as the system control. It relays the data to all required devices. This network structure enables multichannel operation, which supports the simultaneous linking of many connections. Further users can be simply connected to the central operating point if required.

Bus networks

In a bus network, all users are directly connected to a bus cable. The data transmitted from one network node are initially received by all other nodes. However, all the network nodes ignore this data – with of course the exception of the targeted node. An expansion of the power supply is achieved by directly tapping the bus and thus connecting new users to the supply.

Plug-in connectors, distribution boards and outlet boxes

For the connection and distribution of cables and the connection of terminals, there are a range of system-specific plug-in connectors, distribution boards and outlet boxes available.

Flush-mounting devices

These components for data processing and data communication, as well as telecommunication and electro-acoustical systems, are available in the surface-mounting product range of installation switch/socket outlet systems: DELTA line, DELTA vita, DELTA miro, DELTA profil, DELTA style, DELTA natur, DELTA fläche, as well as for installation in flush-mounting device boxes with 60 mm diameter and in silltype trunkings with either vertical or 30° inclined outlets.

Examples

The following describes just a few examples from the great number of connection components available in the field of data processing and telecommunications technology. Covers and frames (80 mm) in the DELTA line, DELTA vita, DELTA miro, DELTA profil, DELTA style, DELTA natur, DELTA fläche switch/socket outlets ranges can be used for surface mounting all sockets.

D-subminiature plug-in connectors

D-subminiature plug-in connectors are primarily used for the plug-in connection of computer terminals and data transmission devices, as well as for measuring and control equipment. The outlet box has a 9, 15 or 25-pole trapezoid plug-in pin or socket connector for connection of one device, or two pin/socket connectors each, if two devices are to be connected.

BNC/TNC plug-in connectors

BNC[1)]/TNC[2)] plug-in connectors are used for high-frequency applications in coaxial cable networks. The standard version is used for frequencies up to 4 GHz and is available for coaxial cable impedances of 50 W and 70 W. For BNC plug-in connectors, the connector is linked to the socket of the outlet box over a bayonet lock and, in the case of vibration-resistant TNC plug-in connectors, over a screw plug.

Western (WE) plug-in connectors

Western (WE) plug-in connectors are used in both data processing technology (e.g. as twisted pair connection[3)]) and telecommunications technology (e.g. as ISDN[4)] basic connection).

The WE outlet boxes are equipped with one or two 6 or 8-pole WE sockets, which, if partially equipped with contacts, provide 4, 6 or 8-pole outlet versions.

Twinax plug-in connectors

Twinax plug-in connectors are primarily used in local data networks (LAN) with IBM data terminal equipment. Both primary conductors of the Twinax cable are soldered to the Twinax installation socket of the outlet box, the metal braiding is securely clamped. After contacting with the outlet box, the connector is screwed securely into place by a cap nut.

TAE connection units

TAE telecommunication connection units are intended solely for the connection of telecommunication devices, such as telephones, fax machines, telex systems. The adapter (connector) is available on its own and preassembled with connecting cable in various lengths. The outlet boxes with one to three sockets and the adapters are prepared for telephone connection (F coding) or for connection of additional devices (fax, etc.) and data terminal equipment (Btx) (N coding).

Fiber-optic outlet boxes

Fiber-optic outlet boxes in the DELTA profil product range meet the requirements of a modern cabling system with glass-fiber cables.

These systems are equipped to cope with future communication requirements and ensure fast and reliable transmission for many applications, such as:

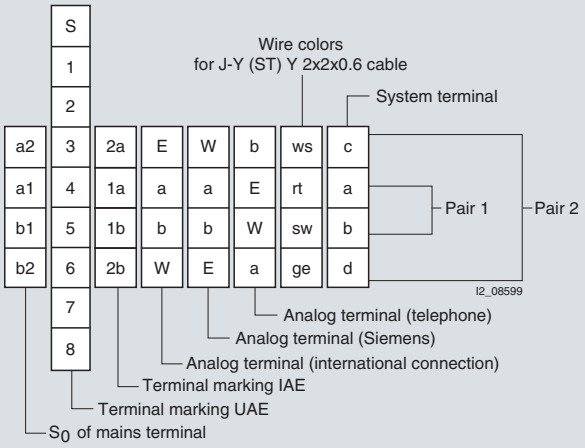
- Telephone (voice, fax),
- Data transmission (client/server, computing, mail, Internet, virtual LAN),
- Multimedia (integration of voice, data and video).

1) BNC: Standard bayonet connector
2) TNC: Standard threaded connector
3) Two twisted cables.
4) ISDN: Integrated Services Digital Network

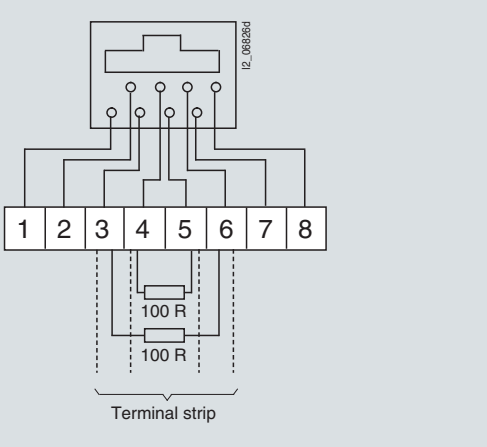
© Siemens AG 2011

UAE outlet boxes

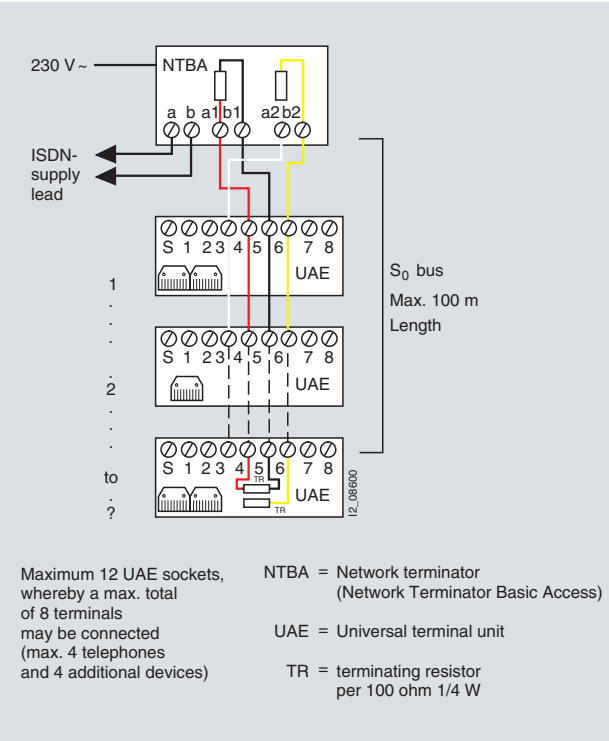
Overview



Color coding for analog and ISDN telephone



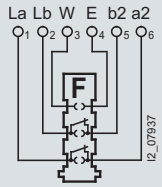
ISDN-telephone outlet boxes
point-to-point with WE 8 or UAE 8



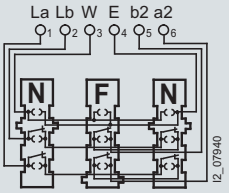
Connection to the ISDN-S0 bus

© Siemens AG 2011

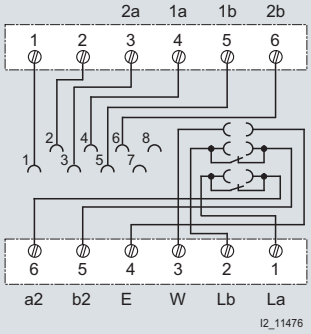
Overview



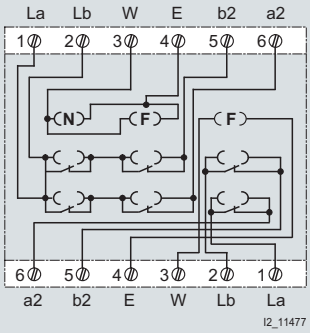
TAE outlet box, for one telephone



TAE outlet box, for one telephone and two additional devices



UAE/TAE outlet box for one telephone and/or an additional device

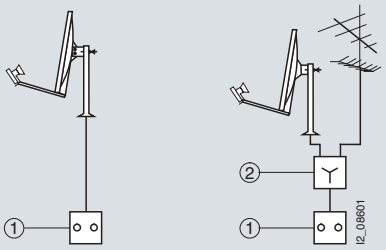


TAE outlet box, for two telephones and two additional devices

© Siemens AG 2011

Aerial branch-circuit boxes (5TG2 485)

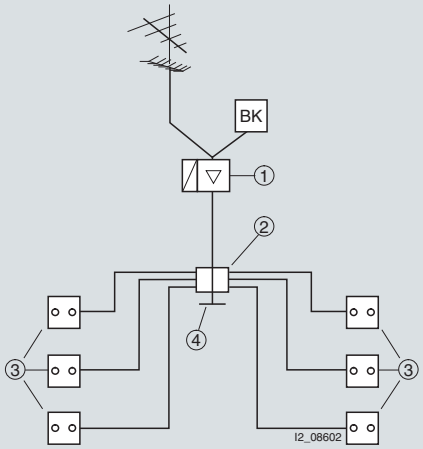
Schematics



With separating filter for coupling of terrestrial signals e.g. for regional UKW/TV reception

① Aerial branch-circuit box (5TG2 485)
② Separating filter

SAT aerial system with universal single LNB for analog and digital reception

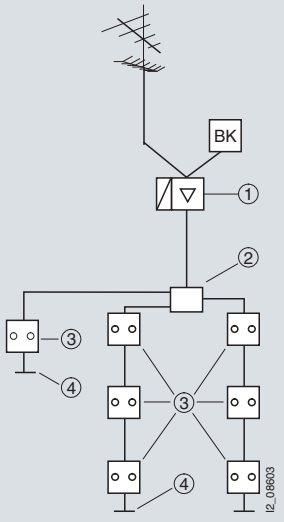


① Amplifier
② Directional tap
③ Aerial branch-circuit box (5TG2 485)
④ Terminating resistor

Aerial system, terrestrial and/or broadband cable in star structure

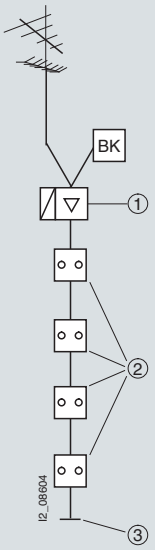
Aerial through-way boxes/terminal boxes (5TG2 484)

Schematics



① Amplifier
② Distribution board
③ Aerial through-way box/terminal box (5TG2 484)
④ Terminating resistor

Aerial system, terrestrial and/or broadband cable in tree/star structure



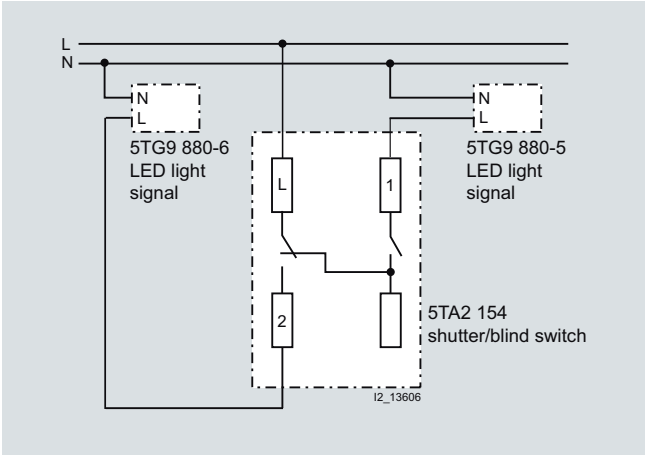
① Amplifier
② Aerial through-way box/terminal box (5TG2 484)
③ Terminating resistor

Aerial system, terrestrial and/or broadband cable in tree structure

© Siemens AG 2011

Overview

Use of LED light signals in a traffic signal function

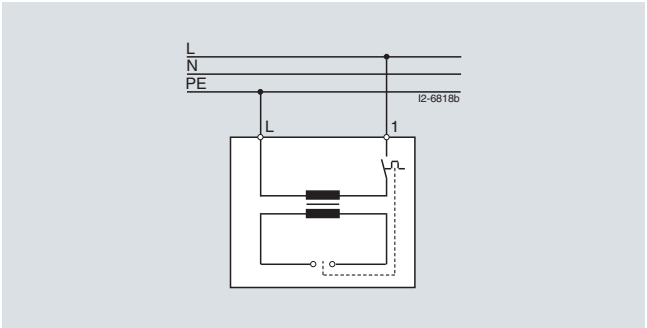


Example of traffic signal function

Items required for traffic signal function and its control (example DELTA line)

Individual parts	Order No.
Items required for traffic signal function	
• LED light signals, red, illuminated	5TG9 880-5
• LED light signals, green, illuminated	5TG9 880-6
• Module carriers, 2M, for DELTA line, titanium white, m-system	5TG2 010
• Frames, 80-mm, single, titanium white, DELTA line	5TG2 551-0
Items required for control of traffic signal function	
• Shutter/blind switches, with electrical and mechanical interlock	5TA2 154
• Rockers, double, with labeling field, titanium white, i-system	5TG6 212
• Frames, 80-mm, single, titanium white, DELTA line	5TG2 551-0

Schematics



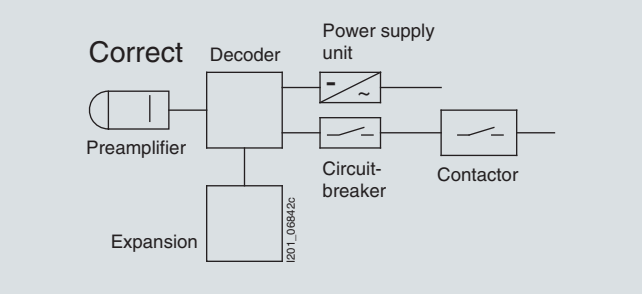
Shaver socket outlet (block diagram)

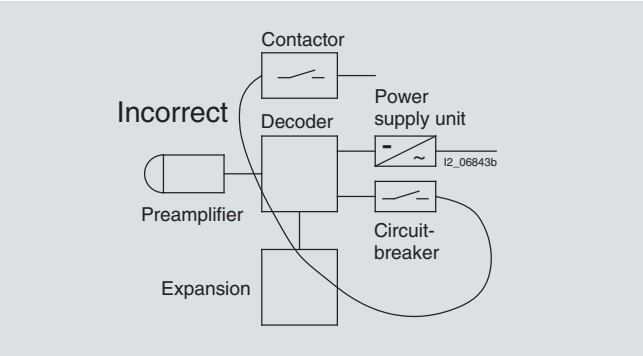
© Siemens AG 2011

Design

Mounting instructions

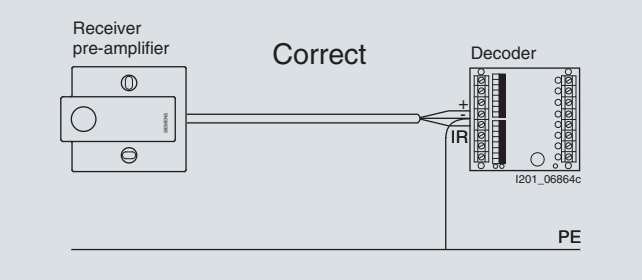
When mounting the modules, the wiring must always be disconnected and laid in a straight line.





Optimum cable routing

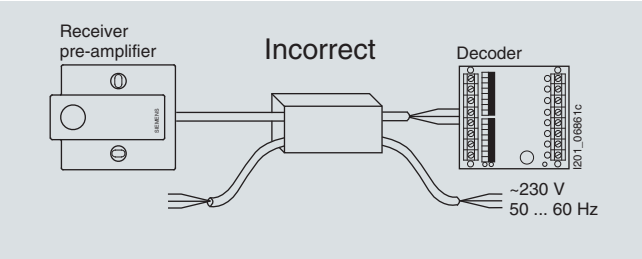
In the event of faults in the decoder (self-switching), connect the minus input of the receiver preamplifier to the PE.

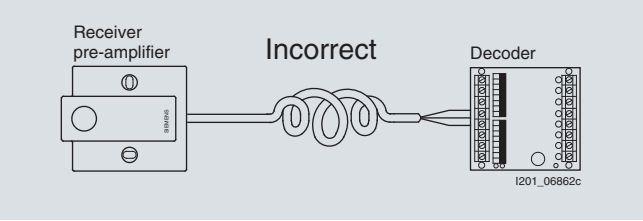


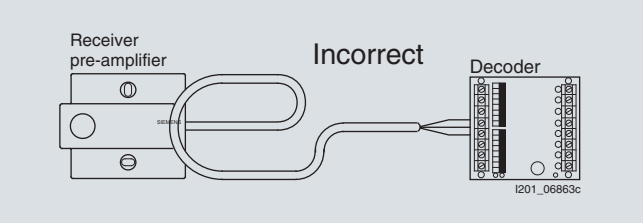
Impractical cable routing

In the case of insufficient receiving range, the following must be heeded:

- Preamplifier cable must not be laid parallel to power lines
- Avoid coils and loops



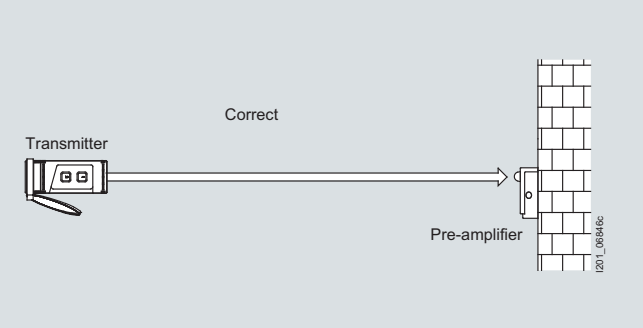




Conditions of reception

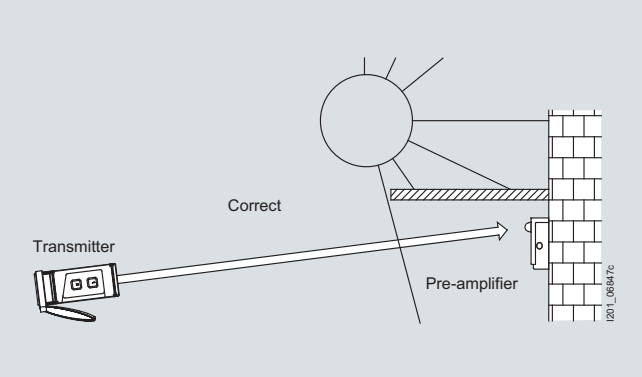
Optimum reception conditions are achieved if the following points are observed:

- Transmitters and receiver preamplifiers must lie on an optical axis.
- No direct sunlight or artificial light on the photodiode or focussing lens of the receiver preamplifier.
- It is not permitted to transmit simultaneously with two or more transmitters in a single room, even if different commands are encoded

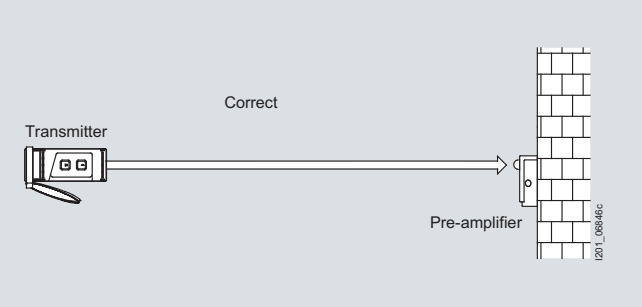


© Siemens AG 2011

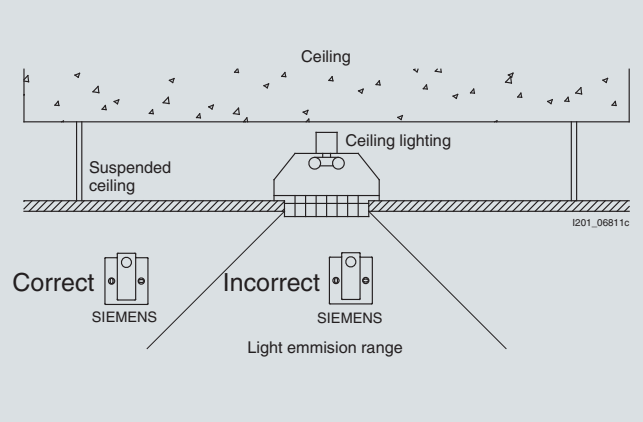
Range impairment, fault types



Avoid direct sunlight, e.g. by using a mechanical shutter



Prevent reception through reflections, it is essential to ensure visual contact to the receiver preamplifier



Receiver preamplifiers must not be mounted directly in the emission range of lights

© Siemens AG 2011

Notes

© Siemens AG 2011

Appendix

20



20/2 Catalog notes

20/3 Order information

20/4 Quality management

20/5 Siemens contacts

20/6 Online Services

20/7 Service & Support

20/9 Comprehensive support from A to Z

20/10 Subject index

20/16 Order number index

20/29 Terms and conditions of sale and delivery

© Siemens AG 2011

Catalog notes

Overview

Trademarks

All product designations may be registered trademarks or product names of Siemens AG or supplier companies whose use by third parties for their own purposes may violate the rights of the owner.

Amendments

All technical data, dimensions and weights are subject to change without notice unless otherwise specified on the pages of this catalog.

Dimensions

All dimensions are in mm.

Images

The illustrations are not binding.

Technical data

The technical data in the catalog are for general information.

Further technical information is available at
www.siemens.com/lowvoltage/support

- under Product List:
  - Technical specifications
- under Entry List:
  - Updates
  - Download
  - FAQ
  - Manuals
  - Characteristic curves
  - Certificates

Configurators can be found under
www.siemens.com/lowvoltage/configurators

Assembly, operation and maintenance

The instruction manuals and the operating instructions on the products must be observed during assembly, operation and maintenance.

© Siemens AG 2011

Overview

Ordering special versions

When ordering products that differ from the standard versions listed in the catalog, **"–Z"** must be added to the Order No. indicated and the required features must be specified using alphanumeric order codes or plain text.

Ordering very small quantities

When small orders are placed, the costs associated with order processing are greater than the order value. We therefore recommend that you combine several small orders. Where this is not possible, we regret that we are obliged to make a small processing charge: for orders with a net goods value of less than € 250 we charge an € 20 supplement to cover our order processing and invoicing costs.

Explanations on the Selection and Ordering Data

Delivery time class (DT)

DT	Meaning
►	Preferred type
A	Two workdays
B	One week
C	Three weeks
D	Six weeks
X	On request

Preferred types are device types that can be delivered immediately ex works, i.e. they are dispatched within 24 hours.

Normal quantities of the products are usually delivered within the specified time following receipt of your order at our branch.

In exceptional cases, the actual delivery time may differ from that specified.

The delivery times apply up to the ramp at Siemens AG (products ready for dispatch).

The transport times depend on the destination and type of shipping. The standard shipping time for Germany is one day.

The delivery time classes specified here represent the state at 10/2010. They are permanently optimized. Up-to-date information can be found at www.siemens.com/industrymall.

Price units (PU)

The price unit defines the number of units, sets or meters to which the specified price and weight apply.

PS/P. unit (packaging size/packaging unit)

The packaging size / packaging unit defines the number, e.g. of units, sets or meters, for outer packaging.

- The **first digit** in the PS/P. unit column (packaging size/packaging unit) indicates the minimum order quantity. You can only order this specified quantity or a multiple thereof.
- The **second digit** in the PS/P. unit column (packaging size/packaging unit) specifies the number of units contained in larger packaging (e.g. in a carton). You must order this quantity or a multiple thereof if you want the item to be delivered in a larger packaging quantity.

Examples:

PS/P. unit	Meaning
1 unit	You can order one item or a multiple thereof.
5 units	For example, five units are packed in a bag. Because the bags cannot be opened, you can only order a multiple of the quantity contained in the bag: 5, 10, 15, 20 etc.
5/100 units	One carton contains (for example) 20 bags, each containing 5 units, i.e. a total of 100 units. If only cartons are available for delivery, you need to order a multiple of the carton quantity: 100, 200, 300, etc. Ordering a quantity of 220 units, would produce the following delivery: two cartons, each containing 100 units (= 200 units) and 4 bags, each containing 5 units (= 20 units).

Price groups (PG)

Each product is assigned to a price group.

Weight

The defined weight is the net weight in kg and refers to the price unit (PU).

Examples

DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS/ P. unit	PG
►	**5TA2 108**		1	1/10 units	021

DT: Preferred type
PU: One unit (on which price is based)
PS/P. unit: 1 = minimum order quantity / 10 = quantity per carton
PG: 021

DT	Order No.	Price per PU	PU (UNIT, SET, M)	PS/ P. unit	PG
A	**5TG2 497**		1	1 set*	021

DT: A = two workdays
PU: One set, i.e. 10 units (on which price is based)
PS/P. unit: The minimum order quantity is one set
PG: 021
* The selection and ordering data specifies that one set contains 10 units

© Siemens AG 2011

Quality management

Overview

The quality management system of our I BT LV Business Unit complies with the international standard EN ISO 9001.

The products and systems listed in this catalog are marketed using a VDE-approved quality management system according to ISO 9001.

VDE certificate

Siemens AG
Industry Sector
Building Technologies Division

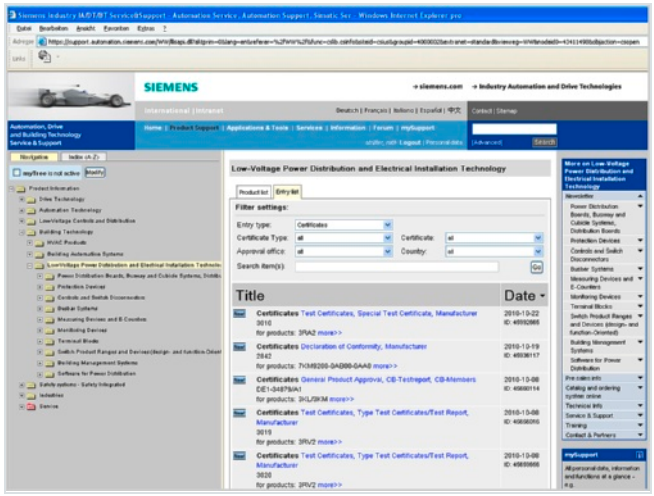
Low Voltage Distribution (I BT LV)
Reg. No.: 40017/QM/03.06

Certificates

Information on the certificates available (CE, UL, CSA, FM, shipping authorizations) for low-voltage power distribution and electrical installation products can be found on the Internet at:

www.siemens.com/lowvoltage/support

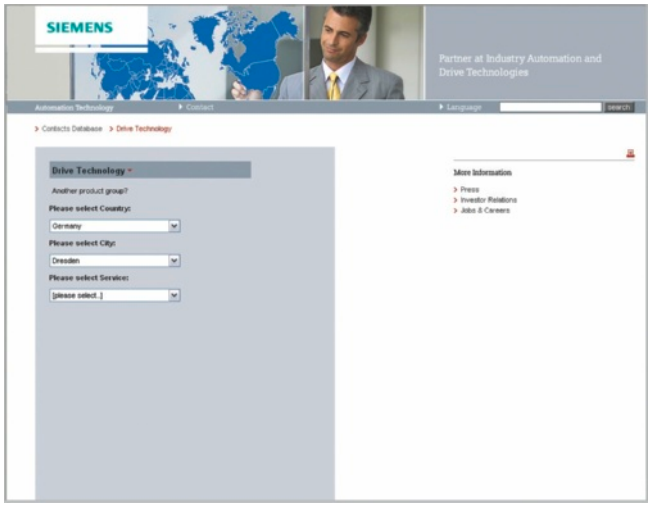
In the Entry List you can use the certificate type (general product approval, explosion protection, test certificates, shipbuilding,...) as a filter criterion.

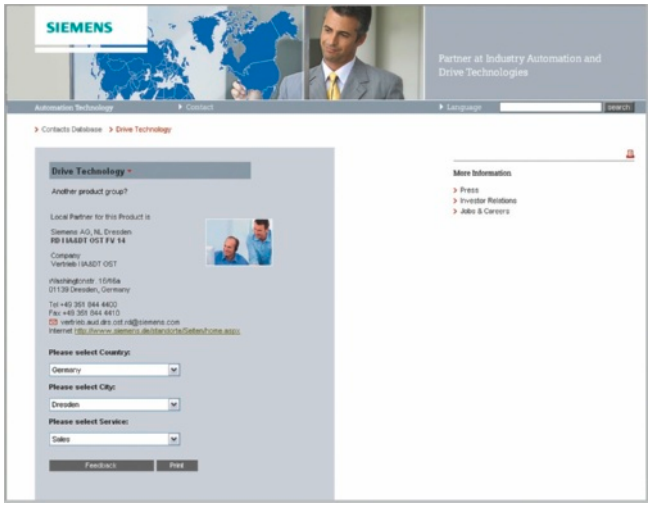


© Siemens AG 2011

Contact partners at Siemens Industry







At Siemens Industry Automation and Drive Technologies, more than 85 000 people are resolutely pursuing the same goal: long-term improvement of your competitive ability. We are committed to this goal. Thanks to our commitment, we continue to set new standards in automation and drive technology. In all industries – worldwide.

At your service locally, around the globe for consulting, sales, training, service, support, spare parts ... on the entire Industry Automation and Drive Technologies range.

Your personal contact can be found in our Contacts Database at: www.siemens.com/automation/partner

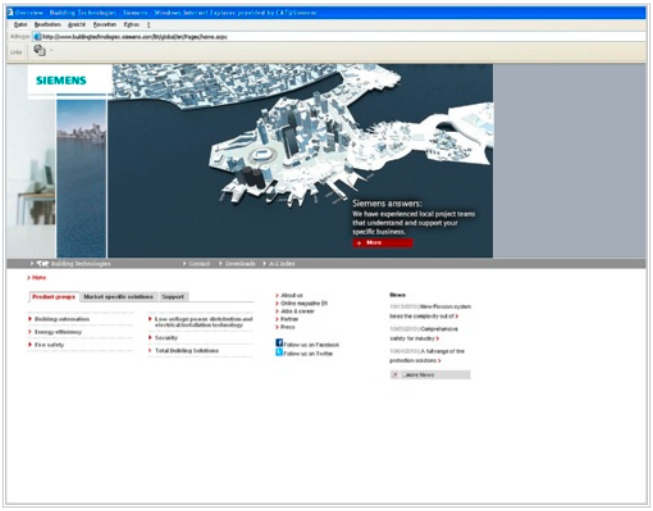
You start by selecting a

- Product group,
- Country,
- City,
- Service.

© Siemens AG 2011

Information and ordering options available on the Internet and DVD

Siemens Building Technologies on the web



The Siemens Division Building Technologies offers the full range of products and solutions for secure and energy-efficient buildings and infrastructures – from building automation and heating, ventilation and air-conditioning systems (HLK) to fire protection, security, low-voltage power distribution and electrical installation technology.

Extensive information about all products, systems and services and support services is available in a compact and clear format on the Internet at:
www.siemens.com/buildingtechnologies

Product selection with the interactive catalog CA 01



Detailed information together with convenient interactive functions:

The interactive catalog CA 01 covers more than 80 000 products and thus provides a full summary of the Siemens Industry product base.

Here you will find everything that you need to solve tasks in the fields of automation, switchgear, installation and drives.
All information is linked into a user interface which is easy to work with and intuitive.

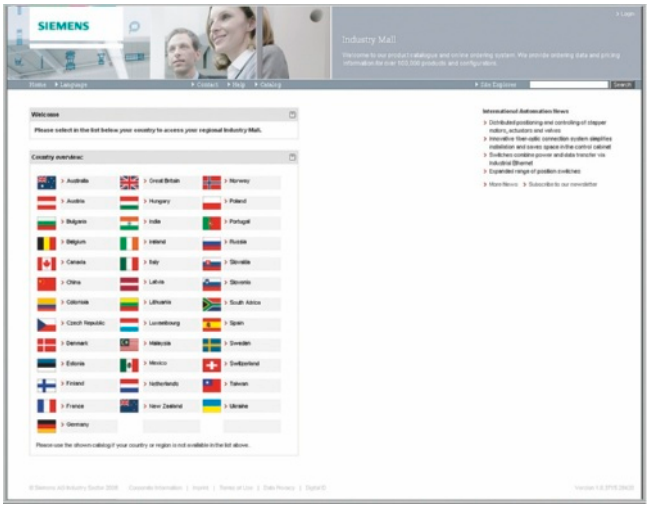
After selecting the product of your choice you can order at the press of a button, by fax or by online link.

Information on the interactive catalog CA 01 can be found in the Internet under:

www.siemens.com/automation/ca01

or on DVD.

Easy Shopping with the Industry Mall



The Industry Mall is the virtual department store of Siemens AG on the Internet. Here you have access to a huge range of products clearly and informatively presented in electronic catalogs.

Data transfer via EDIFACT allows the whole procedure, from selection over ordering through to order tracking, to be carried out online over the Internet.

Numerous functions are available to support you.

For example, powerful search functions make it easy to find the required products, which can be immediately checked for availability. Customer-specific discounts and preparation of quotes can be carried out online as well as order tracking and tracing.

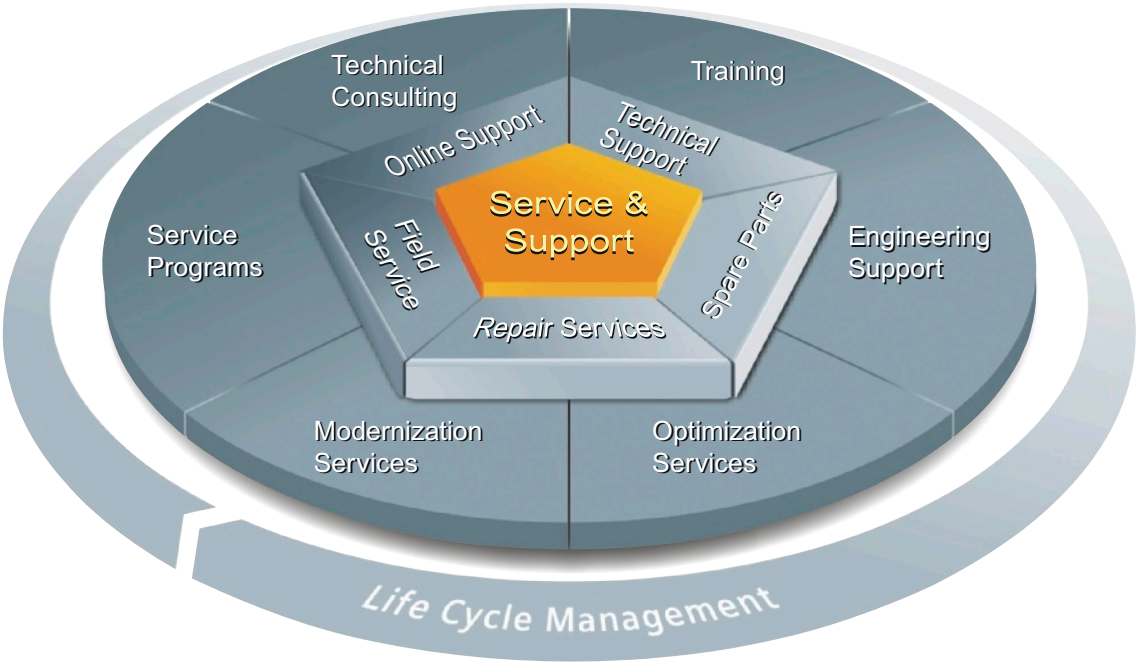
You can find the Industry Mall on the Internet at:

www.siemens.com/industrymall

© Siemens AG 2011

The unmatched complete service for the entire life cycle

Overview



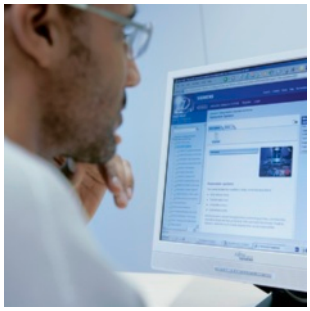
For machine constructors, solution providers and plant operators: The service offering from Siemens Industry, Automation and Drive Technologies includes comprehensive services for a wide range of different users in all sectors of the manufacturing and process industry

To accompany our products and systems, we offer integrated and structured services that provide valuable support in every phase of the life cycle of your machine or plant - from planning and implementation through commissioning as far as maintenance and modernization.

Our Service & Support accompanies you worldwide in all matters concerning automation and drives from Siemens. We provide direct on-site support in more than 100 countries through all phases of the life cycle of your machines and plants.

You have an experienced team of specialists at your side to provide active support and bundled know-how. Regular training courses and intensive contact among our employees - even across continents - ensure reliable service in the most diverse areas.

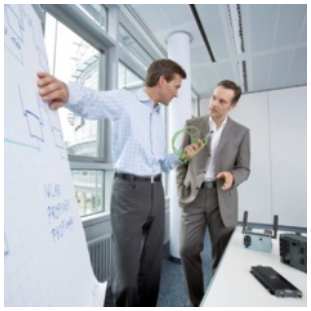
Online Support



The comprehensive online information platform supports you in all aspects of our Service & Support at any time and from any location in the world.

www.siemens.com/lowvoltage/support

Technical Consulting



Support in planning and designing your project: From detailed actual-state analysis, definition of the goal and consulting on product and system questions right through to the creation of the automation solution.

Technical Support



Expert advice on technical questions with a wide range of demand-optimized services for all our products and systems.

www.siemens.com/lowvoltage/technical-support

Training



Extend your competitive edge - through practical know-how directly from the manufacturer.

www.siemens.com/lowvoltage/training

Contact information is available in the Internet at:
www.siemens.com/lowvoltage/contact

© Siemens AG 2011

The unmatched complete service for the entire life cycle

Engineering Support



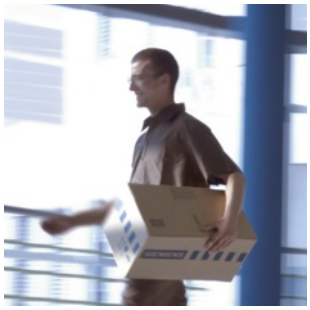
Support during project engineering and development with services fine-tuned to your requirements, from configuration through to implementation of an automation project.

Field Service



Our Field Service offers you services for commissioning and maintenance - to ensure that your machines and plants are always available.

Spare parts



In every sector worldwide, plants and systems are required to operate with constantly increasing reliability. We will provide you with the support you need to prevent a standstill from occurring in the first place: with a worldwide network and optimum logistics chains.

Repairs



Downtimes cause problems in the plant as well as unnecessary costs. We can help you to reduce both to a minimum - with our worldwide repair facilities.

Optimization



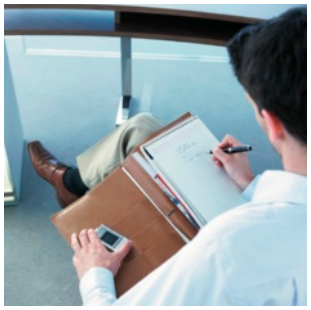
During the service life of machines and plants, there is often a great potential for increasing productivity or reducing costs. To help you achieve this potential, we are offering a complete range of optimization services.

Modernization



You can also rely on our support when it comes to modernization - with comprehensive services from the planning phase all the way to commissioning.

Service programs



Our service programs are selected service packages for an automation and drives system or product group. The individual services are coordinated with each over to ensure smooth coverage of the entire life cycle and support optimum use of your products and systems.

The services of a service program can be flexibly adapted at any time and used separately.

Examples of service programs:

- Service contracts
- Plant IT Security Services
- Life Cycle Services for Drive Engineering
- SIMATIC PCS 7 Life Cycle Services
- SINUMERIK Manufacturing Excellence
- SIMATIC Remote Support Servicess

Advantages at a glance:

- Reduced downtimes for increased productivity
- Optimized maintenance costs due to a tailored scope of services
- Costs that can be calculated and therefore planned
- Service reliability due to guaranteed response times and spare part delivery times
- Customer service personnel will be supported and relieved of additional tasks
- Comprehensive service from a single source, fewer interfaces and greater expertise

Contact information is available in the Internet at:
www.siemens.com/lowvoltage/contact

© Siemens AG 2011

Overview

In all issues for more efficiency - comprehensive support and access at any time to tried and tested tools, quickly and easily via the Internet.

Product information	
Website	Fast and targeted information about low-voltage power distribution: www.siemens.com/lowvoltage
Newsletter	Always up to date about our forward-looking products and systems: www.siemens.com/lowvoltage/newsletter
Product information/product & system selection	
Information and download center	Current catalogs, customer magazines, brochures, demo software and promotion packages: www.siemens.com/lowvoltage/infomaterial
Industry Mall	Comprehensive information and order platform for the Siemens Industry Basket: www.siemens.com/industrymall
Product- & System-Engineering	
SIMARIS Software tools	Support in planning and configuration the electrical power distribution: www.siemens.com/simaris
Engineering software ALPHA SELECT	Simple and fast configuration for distribution boards and meter cabinets with products from the Siemens Industry Basket: www.siemens.com/alpha-select
Product documentation	
Service & support portal	Comprehensive technical information - from planning to configuration and operation: www.siemens.com/lowvoltage/support
Cax Data	Collation of commercial and technical master product data: www.siemens.com/cax
Image database	Collection of product photographs and graphics, such as dimensional drawings and internal circuit diagrams: www.siemens.com/lowvoltage/bilddb
Product training	
SITRAIN Portal	Comprehensive training program about our products, systems and engineering tools: www.siemens.com/lowvoltage/training
Product hotline	
Technical support	Support in all technical queries about our products: E-mail: support.automation@siemens.com www.siemens.com/lowvoltage/technical-support

© Siemens AG 2011

Subject index

A

Accessories
- DELTA area *9/9*
- DELTA fläche IP44 *9/24*
- For dimmers
  - DELTA natur *7/13*
  - DELTA profil *5/42*
  - DELTA style *6/37*
  - i-system *1/44*
- For rockers
  - DELTA profil *5/41*
  - DELTA style *6/36*, *7/13*
  - i-system *1/43*
- For shutter/blind controls
  - DELTA profil *5/42*
  - DELTA style *6/37*
  - i-system *1/44*
- For socket outlets
  - DELTA profil *5/41*
  - DELTA style *6/37*
  - i-system *1/44*
- For surface-mounting enclosures *2/9*
  - DELTA style *6/38*
- GAMMA bus coupling units *18/3*
- Switching/pushbutton control/dimming *10/19*

Accessories and spare parts
- DELTA area 20 *9/9*
- DELTA fläche IP44 *9/24*
- DELTA line *2/9*
- DELTA natur *7/13*
- DELTA profil *5/39*, *5/41*
- DELTA style *6/34*, *6/36*
- i-system *1/43*
- Shutter/blind controls *13/10*
- Switching/pushbutton control/dimming *10/19*

Add-on devices
- DELTA natur *7/13*
- DELTA profil *5/39*
- i-system *1/41*

Aerial branch-circuit boxes *15/2*, *19/66*

Aerial through-way boxes *15/2*, *19/66*

Air conditioning switch *5/40*

B

Base plates
- Flame-resistant *9/9*

Binary inputs AP 261 wave *16/8*

Blanking cover plates *1/41*, *5/39*, *6/34*, *7/13*

BNC connection *15/7*
- Cover plates with ~ *1/37*

Bus coupling units
- GAMMA *18/1*
- UP 110/03 *18/2*
- UP 110/11 *18/3*
- UP 114/02 *18/3*
- UP 116 *18/2*
- UP117/11 bus coupling units (BTM) *18/3*

Buzzers *8/7*

C

Channel entry glands *9/24*

Circuit breaker, 4 inputs/outputs
- 12 V DC *16/13*
- 24 V DC *16/14*

Color elements
- DELTA vita *3/7*

Combinations of SCHUKO socket outlet and
- Pushbuttons *9/20*, *9/21*
- Two-circuit switches *9/20*
- Two-way switches *9/20*

Comfort shutter/blind controls
- DELTA line *13/9*
- DELTA miro *13/9*
- DELTA profil *13/9*
- DELTA style *13/9*
- DELTA vita *13/9*

Communication *19/63*
- DELTA natur *7/11*
- DELTA profil *5/35*
- DELTA style *6/29*
- i-system *1/36*

Communication systems *15/1*

Compact system
- 2-channel *16/14*
- 8-channel *16/14*

Complete assemblies
- GAMMA wave *16/8*
- Gift box *4/9*
- IR-64K *16/9*
- Switching/pushbutton control/dimming *10/18*

Connecting elements *9/24*

Conversion kits
- Overvoltage protection *1/16*
- Status display *1/15*

Couplers
- UP 140 *1/34*, *5/34*, *6/28*

Cover plates
- 2 and 3-hole version *5/37*, *6/31*
- 2-hole version *1/38*, *7/12*
- 3-hole version *1/38*, *7/12*
- Blanking *1/41*, *5/39*, *6/34*, *7/13*
- BNC connection, double *15/7*
- D-subminiature connection, single *15/7*
- For dimmers *1/26*, *1/27*, *5/22*, *6/19*, *7/10*
- For flush-mounting control devices *1/42*, *5/40*, *6/34*
- For loudspeaker outlet boxes *1/36*, *5/35*, *6/29*, *7/11*
- For Modular Jack support plate *1/37*, *5/36*, *6/30*
- For room temperature controllers
  - 3-position switches *1/31*, *5/28*, *6/23*
  - Direct floor heating *1/31*, *5/28*, *6/23*
  - NC contact/CO contact *1/31*, *5/28*, *6/23*
- For speed regulating rheostats *1/42*, *5/40*, *6/20*
- For subminiature connectors *1/42*
- For TAE outlet boxes *1/36*, *5/35*, *6/29*, *7/11*
- For time switches *6/35*
- For TV/RF/SAT connection *1/38*, *5/37*, *6/31*, *7/12*
- For UAE outlet boxes *1/36*, *1/37*, *5/35*, *7/11*
  - Can be knocked out *6/29*, *6/30*
  - Cat.3 *1/36*
- Inclined outlet *5/36*, *6/30*
- With BNC connection, double *1/37*
- With D-subminiature connection, single *1/37*
- With hinged lid *1/17*, *1/18*, *6/14*
- With increased touch protection *1/17*
- With labeling field *1/17*, *1/37*, *5/35*
- With light signal *5/39*
- With rotary button *1/26*, *5/22*, *6/19*, *7/10*
- With sensor area *1/27*, *5/23*, *6/19*

D

DALI
- Controller-4 *12/3*
- Multi sensors for offices *12/3*
- Pushbutton interfaces 4-fold *12/3*

Data and communication systems *15/1*
- Inserts *15/2*
- Inserts with cover plate *15/7*
- m-system modules *15/9*

Data networks
- Inserts *15/3*

Decoders
- 8-channel *16/13*
- 8-channel expandable *16/13*
  - Expansion module *16/13*

Degrees of protection *19/2*

Delay timers *10/7*, *19/10*

DELTA
- area 20 *9/3*
- fläche IP44 *9/10*
- fläche IP68 *9/26*
- line *2/1*
- miro *4/1*
- natur *7/1*
- profil *5/1*
- reflex *17/2*, *17/3*, *17/4*
- style *6/1*
- UP 116 bus coupling units *18/2*
- vita *3/1*

Dimensional drawings
- DELTA line *19/4*
- DELTA miro *19/5*
- DELTA natur *19/6*
- DELTA profil *19/5*
- DELTA style *19/6*
- DELTA vita *19/4*

© Siemens AG 2011

Subject index

Dimmers *19/16*
- Cover plates for ~ *6/19*
- For electronic transformers *19/25*
- Incandescent lamp ~ *10/11*, *19/21*
- LV ~
  - For electronic transformers *19/24*
  - For magnetic transformers *10/12*, *19/23*
- Rotary ~ *1/26*, *5/22*, *6/19*
- Sensor ~ *1/27*, *5/23*, *6/19*
  - With memory function *10/14*
  - Without memory function *10/14*
- Touch ~ *1/27*, *5/23*, *6/20*
- Universal ~ *19/19*
  - sys inserts *10/15*

Display and control units
- UP 584/585 *6/26*
- UP 585 *5/32*

Door contact AP 260 wave *16/8*

Double two-way switches *9/14*, *10/7*, *19/12*

D-subminiature connection *15/7*
- Cover plates with ~ *1/37*

Dusk switches *10/18*, *19/11*

E

Electronic potentiometers *19/26*
- Pushbuttons *10/16*, *19/28*
- Switches *10/15*, *19/27*

Equipotential bonding
- DELTA profil *5/38*
- i-system *1/39*

Expansion module
- For decoder, 8-channel expandable *16/13*

Extension claws
- For DELTA bus coupling units *10/19*
- For DELTA inserts *10/19*

F

Fixing clips *18/3*

Flush-mounting control devices
- Cover plates for ~ *1/42*, *5/40*, *6/34*

Flush-mounting isolating relays *1/25*, *5/21*, *6/18*, *13/3*, *19/58*

Flush-mounting isolating relays, compact *1/25*, *5/21*, *6/18*, *13/4*, *19/59*

Flush-mounting radios *4/10*, *15/8*

Frames
- 80 mm *2/5*, *5/6*
- 81 mm *7/5*
- 82 mm *6/5*
- 83 mm *3/6*
- 90 mm *4/6*, *4/7*, *4/8*
- Artist *4/6*
- cutout *5/6*
- DELTA line *2/5*
- DELTA miro *4/6*
- DELTA natur *7/5*
- DELTA profil *5/6*
- DELTA style *6/5*
- DELTA vita *3/6*
- Intermediate ~ *2/6*, *3/6*, *4/8*, *5/6*, *5/7*
  - 68 mm *6/5*
- Plastic *4/8*
- Real aluminum *4/7*
- Real glass *4/6*
- Real wood *4/7*
- With labeling field *2/5*

Fuses
- Spare *1/44*, *5/42*, *6/37*, *7/13*

G

GAMMA bus coupling units *18/1*
- Accessories *18/3*
- Inserts *18/2*

GAMMA instabus
- DELTA fläche IP44 *9/23*
- DELTA profil *5/29*
- DELTA style *6/24*
- i-system *1/32*

GAMMA wave *16/2*
- Complete assemblies *16/8*
- Inserts *16/5*

Glow lamps
- 250 V/0.7 mA *9/9*
- For light signals *1/45*, *9/25*
- For SCHUKO socket outlets *1/45*, *5/42*, *6/38*
- For switch and pushbutton inserts *1/43*, *5/41*, *6/37*, *7/13*, *9/24*, *10/19*

H

Hand-held transmitters
- 2-channel *16/10*
- 4-channel *16/10*
- 8-channel *16/11*
- Industrial ~
  - 2-channel *16/11*
  - 4-channel *16/11*
  - 8-channel *16/11*
- Mini, 4-channel *16/10*
- S 425 wave *16/8*
- Wall-mounting bracket *16/11*

Heating emergency switches
- 1-pole *9/13*
- 2-pole *9/13*
- 3-pole *9/16*
- With window *9/13*

Hinged lids *1/17*, *1/18*

Hotel card switches
- With lighting *1/11*, *6/10*
- With window *5/12*

I

Incandescent lamp dimmers *19/21*
- 50 ... 400 W *10/11*

Industrial hand-held transmitters
- 2-channel *16/11*
- 4-channel *16/11*
- 8-channel *16/11*

Inserts
- Data and communication systems *15/2*
- Data networks *15/3*
- Fiber-optic outlet boxes *15/6*
- For add-on devices *10/17*
- For dimmers *10/11*
- For lighting control *10/15*
- For pushbuttons *10/8*
- For switches *10/3*
- For switching *10/15*
- GAMMA bus coupling units *18/2*
- GAMMA wave *16/5*
- Motion detectors *11/2*
- Room temperature controllers *14/2*
- Shutter/blind controls *13/2*, *13/5*
- Switching/pushbutton control/dimming *10/3*
- TAE outlet boxes *15/2*
- TV/RF/SAT *15/2*
- Voice networks *15/3*
- With cover plate *13/5*
  - Data and communication systems *15/7*

© Siemens AG 2011

Subject index

Interface
- UP 146 E *5/34*, *6/27*
- UP 146, RS 232 *5/33*, *6/27*

Intermediate frames *2/6*, *3/6*, *4/8*
- 68 mm *6/5*
- For installation of devices with cover plates
  - 51 mm x 51 mm *5/6*
  - 55 mm x 55 mm *5/7*

Intermediate switches *9/4*, *9/12*, *10/4*, *19/8*
- For school program *10/4*

International plug-and-socket devices
- DELTA profil *5/17*
- DELTA style *6/15*
- i-system *1/20*

IP44 seal *1/44*, *6/37*
- For socket outlets *1/44*, *6/37*

IP44 set of seals *1/43*, *6/36*
- For rockers *1/43*, *6/36*

IR-64K
- Complete assemblies *16/9*

i-system *1/1*

L

Label sheets
- SV *1/44*, *5/41*, *6/37*
- WSV *1/44*, *5/41*, *6/37*
- ZSV *1/44*, *5/41*, *6/37*

Labeling field inserts
- Heating emergency switch *1/43*, *5/41*, *6/36*

LED light inserts
- For switch and pushbutton inserts *1/43*, *5/41*, *6/36*, *7/13*, *9/24*, *10/19*

LED light signals *19/67*

Light signals *1/41*, *6/34*, *9/15*

Lighting controls
- DELTA natur *7/10*
- DELTA profil *5/22*
- DELTA style *6/19*
- Inserts *10/15*
- i-system *1/26*

Loudspeaker outlet boxes
- Cover plates for ~ *1/36*, *5/35*, *6/29*, *7/11*
- Double *15/7*
- Single *15/7*

Low-voltage dimmers
- 50 to 600 W, 25 to 500 VA *10/12*
- For electronic transformers *19/24*
- For magnetic transformers *10/12*, *19/23*
- For two-way switching *10/12*

M

Mini hand-held transmitters, 4-channel *16/10*

Modular Jack support plates *15/4*, *15/5*, *15/6*
- Cover plates for ~ *1/37*, *5/36*, *6/30*

Module carriers
- 1M *1/39*, *5/38*, *6/33*, *8/4*, *8/5*
- 2M *1/39*, *5/38*, *6/33*, *8/4*, *8/5*
- For DELTA line *1/39*, *8/2*
- For DELTA miro *1/39*, *8/2*
- For DELTA profil *8/5*
- For DELTA style *8/5*
- For DELTA vita *1/39*, *8/2*
- For m-system *5/38*, *6/33*

Modules *8/7*
- For communication *8/6*
- m-system *15/9*

Molded-plastic wall enclosures
- For shaver socket outlets *1/19*, *5/16*
- With lid *1/19*

Motion detectors *11/1*, *19/31*
- DELTA profil *5/25*
- DELTA reflex *11/4*, *19/31*
- DELTA style *6/21*
- Extension unit inserts *11/3*, *19/45*
- Inserts *11/2*
- i-system *1/29*
- Relay inserts *11/2*, *19/43*
- Surface-mounting *11/4*
- Tops *1/29*, *5/25*, *6/21*, *19/34*
- Tops Comfort *1/30*, *5/26*, *6/22*, *19/38*
- Triac inserts *11/2*, *19/44*
- UP 255 *5/33*
- UP 255/257 *6/26*
- UP 258 *1/35*

Mounting plates
- For cover plates, inclined outlets
  - 2 x SC *5/36*
  - 2 x SC AMP *6/30*
  - 2 x SC Duplex AMP *5/36*, *6/31*
  - 2 x ST AMP *5/36*, *6/30*

m-system *8/1*
- LED light signals *19/67*

N

NEMA socket outlets *1/20*, *5/17*, *6/15*

O

ON/OFF switches
- 1-pole *9/3*, *9/12*, *10/4*, *19/8*
- 2-pole *9/4*, *9/13*, *19/8*
  - 10 AX *10/5*
  - 16 AX *10/5*
- 3-pole *9/14*
  - 16 A *10/5*
- Comply with workplace regulations *9/15*
- With symbols
  - I/O *9/4*, *9/13*, *9/14*

Outlet boxes
- For SD230N smoke detectors *17/3*

Outlet plates *1/41*, *5/39*, *6/34*

Overview of order numbers *1/16*, *1/32*

Overvoltage protection
- ~ modules *1/45*, *5/42*, *6/38*
- Conversion kits *1/16*

P

Paint covers UP 196 *18/3*

Plates
- Outlet ~ *1/41*, *5/39*, *6/34*

Plug-and-socket devices
- DELTA fläche IP68 *9/26*

Plug-in power supply unit *16/14*

Potentiometers
- Electronic *10/15*, *10/16*, *19/26*, *19/27*, *19/28*

Power supply units *16/14*

Preamplifiers
- Receiver ~ *16/12*, *16/13*

Profile semicylinders
- For master-key systems *1/22*, *5/19*, *6/17*, *13/7*
- For shutter/blind key-operated switches *1/22*, *5/19*, *6/17*, *13/7*
- With symbols
  - Up/Down *5/19*, *6/17*

© Siemens AG 2011

Subject index

Pushbuttons *9/20*, *9/21*, *19/7*
- 1 CO contact *9/14*, *10/10*
  - With separate neutral terminal *19/13*
- 1 NO contact *9/15*, *10/9*, *19/12*
- 1 NO contact, 1 CO contact *10/11*
- 2 NO contacts *10/11*
- AP 115 *9/23*
- Comply with workplace regulations *9/16*
- DELTA area 20 *9/3*
- DELTA fläche IP44 *9/12*
- DELTA natur *7/6*
- DELTA profil *5/8*
- DELTA style *6/6*
- Double *9/23*, *10/11*
  - 1 NO contact, 1 CO contact *19/13*
  - 2 NO contacts *19/14*
- For school program *10/9*
- i-system *1/6*
- Shutter/blind sys *1/23*, *5/19*, *6/17*, *19/50*
- sys *1/27*, *5/23*, *6/20*, *19/18*
- UP 210 wave *1/27*, *1/28*, *5/23*, *5/24*, *6/20*
- UP 211 wave shutter/blind *1/23*, *5/19*, *6/17*
- UP 221 *1/32*, *1/33*, *1/34*
- UP 221, double *1/33*
- UP 221, single *1/32*
- UP 230 *6/25*
- UP 230/2 *5/31*
- UP 231/3 *5/32*, *6/26*
- UP 233 + IR, single *5/29*
- UP 234 + IR, double *5/30*
- UP 235 + IR, quadruple *5/31*
- UP 241, single *5/29*
- UP 242, single *5/29*
- UP 243, double *5/30*
- UP 244, double *5/30*
- UP 245, quadruple *5/31*
- UP 246, quadruple *5/31*
- UP 285, single *6/24*
- UP 285+IR, single *6/25*
- UP 286, double *6/24*
- UP 286+IR, double *6/25*
- UP 287, quadruple *6/24*
- UP 287+IR, quadruple *6/25*
- With separate check-back indication *9/15*, *10/10*, *19/13*
- With separate neutral terminal *10/9*, *10/10*
- With symbols
  - Bell *9/6*
  - Door Opener *9/6*
  - Light *9/6*
  - Up/Down *9/7*, *9/9*
- With white window *9/15*
- With window *9/5*, *9/15*, *9/23*

R

Receiver preamplifiers
- Focussing lens on front *16/12*
- Focussing lens on side *16/12*, *16/13*
- Metal enclosures *16/12*
- Molded *16/12*, *16/13*
- Reception lens on front *16/12*
- Reception lens on side *16/12*

Remote control systems *16/1*
- GAMMA wave *16/2*
- IR-64K *16/9*

Remote Controls *19/68*
- For DELTA reflex motion detector IP55, 290° IR *11/4*
- IR-64 K *19/68*

Repeaters UP 141 wave *16/5*

Rockers
- Neutral *1/6*, *1/40*, *5/8*, *6/6*, *7/6*
- With fixing screws *1/40*
- With labeling field *1/8*, *1/9*, *5/10*, *6/7*, *6/8*
- With pull actuation *1/11*, *6/9*
- With symbols
  - "Bell" *1/6*, *1/8*, *5/8*, *5/10*, *6/6*, *6/8*
  - "Delay" *1/8*, *5/9*
  - "Door Opener" *1/6*, *5/8*, *6/6*
  - "Light" *1/7*, *1/40*, *5/9*, *6/7*
  - "Time" *1/8*, *5/9*
  - I/O *1/7*, *5/8*, *6/6*
  - Up/Down *5/18*
- With window *1/7*, *1/8*, *1/9*, *1/40*, *5/9*, *5/10*, *6/7*, *6/8*, *7/6*

Rockers, double
- Neutral *1/9*, *1/40*, *5/11*, *6/8*, *7/7*
- With fixing screws *1/40*
- With labeling field *1/10*, *1/21*, *5/11*, *6/9*
- With symbols
  - 2x Up/Down *5/18*, *6/9*, *6/16*
  - I/O *5/11*
  - I/O and Up/Down *5/18*
  - Up/Down *1/9*, *1/21*, *5/18*, *6/9*, *6/16*, *7/7*, *7/9*
- With window *1/10*, *5/11*, *6/9*

Room temperature controllers *14/1*
- 1 CO contact *14/2*, *19/60*
- 1 NC contact *14/2*, *19/60*
- 3-position switches *14/2*, *19/61*
- Cover plates for ~ *1/31*, *6/23*
- DELTA profil *5/28*
- DELTA style *6/23*
- Direct floor heating *14/3*, *19/61*
- Inserts *14/2*
- i-system *1/31*
- UP 237 *1/34*
- UP 252 *5/33*
- UP 254 *6/27*

Rotary dimmers *1/26*, *5/22*, *6/19*

© Siemens AG 2011

Subject index

S

School program
- Intermediate switches *10/4*
- i-system *1/40*
- Pushbuttons, 1 NO contact *10/9*
- Switch with pilot lamp, for ON/OFF switching *10/6*
- Two-circuit switches *10/8*
- Universal switches *10/3*

SCHUKO
- Connector with cover *9/26*
- Double socket outlets *1/18*
  - With increased touch protection *1/18*
- Socket outlets *1/12*, *5/13*, *6/11*, *7/8*, *9/20*, *9/21*
  - 80 mm x 80 mm *5/15*
  - 80 mm x 80 mm *1/18*, *2/7*
  - Black bezel *5/13*
  - Double *9/8*, *9/18*
  - For horizontal mounting *9/18*
  - For vertical mounting *9/18*
  - Green bezel *5/13*
  - Lockable *9/18*
  - Orange bezel *5/14*
  - Quadruple *9/8*
  - Single *9/8*, *9/17*
  - Triple *9/8*, *9/18*
  - Wall socket outlet with lid *9/26*
  - With EDV imprint *6/11*
  - With function indicator *1/15*
  - With function indicators *1/15*, *1/16*, *5/15*
  - With hinged lid *1/17*, *1/18*, *5/15*, *6/13*, *6/14*
  - With hinged lid made of die-cast aluminum *1/19*, *5/16*
  - With increased touch protection *1/13*, *1/15*, *1/17*, *1/18*, *2/7*, *5/13*, *6/11*, *6/12*, *6/13*, *6/14*, *7/8*, *9/8*, *9/17*, *9/18*, *9/20*, *9/21*
  - With increased touch protection and labeling field *1/15*
  - With labeling field *1/14*, *1/15*, *1/16*, *1/17*, *5/14*, *5/15*, *6/12*, *6/14*, *9/17*
  - With lock *1/18*
  - With overvoltage protection *1/15*, *1/16*, *5/15*, *19/15*
  - With residual-current protection *1/16*, *5/15*, *19/15*
  - With status display *1/14*, *5/14*, *6/12*, *6/14*, *19/14*
  - With SV imprint *1/13*, *6/12*
  - With touch protection *1/15*
  - With universal switch *5/15*
  - With ZSV imprint *1/13*, *6/12*

Sealing rings for molded-plastic wall enclosure *1/19*, *5/16*

Sensor dimmer *1/27*, *5/23*, *6/19*
- With memory function *10/14*
- Without memory function *10/14*

Service displays *6/35*

Service switches
- double *6/10*

Shaver socket outlets *1/19*, *5/15*, *19/67*

Sheets of pictographs *6/36*
- For double rockers with labeling field *1/43*
- For single rockers with labeling field *1/43*

Shutter/blind controls *1/24*, *5/20*, *6/17*, *13/1*, *19/46*, *19/53*
- Accessories and spare parts *13/10*
- Comfort *1/24*, *5/20*, *6/18*, *19/54*
- DELTA area 20 *9/9*
- DELTA fläche IP44 *9/22*
- DELTA line *13/8*
- DELTA miro *13/8*
- DELTA natur *7/9*
- DELTA profil *5/18*, *13/8*
- DELTA style *6/16*, *13/8*
- DELTA vita *13/8*
- Flush-mounting isolating relays *1/25*, *5/21*, *6/18*, *13/3*, *19/58*
- Flush-mounting isolating relays, compact *1/25*, *5/21*, *6/18*, *13/4*, *19/59*
- Inserts *13/2*
- Inserts with cover plate *13/5*
- i-system *1/21*
- sys inserts *13/3*, *16/7*, *19/51*, *19/52*

Shutter/blind key-operated switches *19/48*
- For master-key systems *1/22*, *5/18*, *6/16*, *13/6*, *13/7*, *19/49*
- Maintained-contact position to left and right *13/7*
- Momentary-contact and maintained-contact position to left and right *13/7*
- Momentary-contact position to left and right *13/6*
- With symbols
  - Key *9/22*, *13/6*
  - Up/Down *1/22*, *5/18*, *6/16*, *9/16*, *13/5*, *13/6*, *13/7*

Shutter/blind knob-operated switches *13/2*, *19/48*
- With inscription
  - Down/Up *1/23*, *13/5*
- With symbols
  - Up/Down *1/23*, *5/19*, *13/5*

Shutter/blind pushbuttons *19/47*
- With electrical interlock *9/16*, *9/22*, *13/2*, *13/6*
- With symbols
  - Up/Down *9/16*, *9/22*, *13/6*

Shutter/blind switches *19/47*
- With electrical and mechanical interlock *13/2*

Slide nipple
- Cable entry *2/9*, *6/38*
- Channel entry *2/9*, *6/38*
- Without hole *9/24*

Smoke detector modules
- M 255 wave uni *17/4*
- Relay *17/3*

Smoke detectors *17/1*
- DELTA reflex
  - Battery *17/2*
  - SD230N *17/3*
  - SD9 *17/2*

Socket outlet switches
- S 564 wave *16/8*

Socket outlets *19/14*
- Acc. to American standard C 73 *1/20*, *5/17*, *6/15*
- DELTA area 20 *9/8*
- DELTA fläche IP44 *9/17*
- DELTA line *2/7*
- DELTA natur *7/8*
- DELTA profil *5/13*
- DELTA style *6/11*
- For equipotential bonding, double *1/39*, *5/38*
- i-system *1/12*
- NEMA *1/20*, *5/17*, *6/15*
- SCHUKO *1/12*, *1/13*, *1/14*, *1/15*, *1/16*, *1/17*, *1/18*, *1/19*, *2/7*, *5/13*, *5/14*, *5/15*, *5/16*, *6/11*, *6/12*, *6/13*, *6/14*, *7/8*, *9/8*, *9/17*, *9/18*, *9/20*, *9/21*, *9/26*, *19/14*, *19/15*
- Shaver ~ *1/19*, *5/15*
- With grounding pin *1/20*, *5/17*, *6/15*, *7/8*, *9/19*
- With hinged lid *1/20*, *5/17*, *6/15*
- With increased touch protection *1/20*, *5/17*, *6/15*

Spare fuses *1/44*, *5/42*, *6/37*, *7/13*

Spare glow lamps
- For light signals *1/45*, *9/25*
- For SCHUKO socket outlets *1/45*, *5/42*, *6/38*

Spare overvoltage protection modules *1/45*, *5/42*, *6/38*

Spare parts
- DELTA area 20 *9/9*
- DELTA fläche IP44 *9/25*
- DELTA profil *5/42*
- DELTA style *6/38*
- i-system *1/45*

Spare remote control
- For DELTA reflex motion detector IP55, 290° IR *11/4*

Spare tubular lamps *5/42*
- For light signal insert *6/38*

Spare window sets
- For light signals *1/45*, *5/42*, *6/38*, *9/25*
- For switch and pushbutton inserts *1/45*
- For switches and pushbuttons *9/25*

© Siemens AG 2011

Spare windows
For light signals *9/25*
Special bases for DELTA reflex IP55 motion detector *11/4*
Speed regulating rheostats *6/20*, *19/30*
0.1 ... 2.6 A *10/17*
Cover plates for ~ *1/42*
Status display
Conversion kits *1/15*
Subminiature connectors
Cover plates for ~ *1/42*
Sun sensors *1/44*, *5/42*, *6/37*, *13/10*
Support plates Modular Jack
Beige inserts *15/6*
Black inserts *15/4*
Blue inserts *15/5*
Brown inserts *15/5*
Green inserts *15/5*
Orange inserts *15/5*
Red inserts *15/4*
Yellow inserts *15/4*
Surface-mounting enclosures
DELTA line *2/8*
DELTA profil *5/38*
DELTA style *6/32*
Surface-mounting product ranges *9/1*
DELTA area 20 *9/3*
DELTA fläche IP44 *9/10*
DELTA fläche IP68 *9/26*
Switches *19/7*
DELTA area 20 *9/3*
DELTA fläche IP44 *9/12*
DELTA natur *7/6*
DELTA profil *5/8*
DELTA style *6/6*
i-system *1/6*
Touch switches *1/28*
Switches and Pushbuttons *19/7*
Switches with pilot lamp
For ON/OFF switching *9/4*, *9/12*, *10/6*, *19/9*
For school program *10/6*
For two-way switching *9/5*, *9/13*, *10/6*, *19/9*
With window *9/4*, *9/5*, *9/12*, *9/13*
Switching/pushbutton control/dimming *10/1*
Complete assemblies *10/18*
Symbols *19/3*
sys inserts
Shutter/blind controls *16/7*
Universal dimmers *16/6*
sys switching inserts
15 ... 500 VA *10/17*, *16/6*
25 ... 250 VA *10/16*, *16/5*

T

TAE
2x 6/6 NFF, black *15/3*
3x 6NFN, black *15/2*
6F+N, black *15/2*
6F+N/UAE 8/6, black *15/3*
TAE outlet boxes *19/65*
Cover plates for ~ *1/36*, *5/35*, *6/29*, *7/11*
Inserts *15/2*
Technical information *19/1*
Terminal boxes *15/2*, *19/66*
Text display
UP 587/1 *1/35*
With UP 587/2 timer *1/35*
Time switches *1/42*, *10/17*
Timers *10/7*, *19/11*
With symbols
"Time" *9/14*
With window *9/14*
Tom's Drag
2-part combination, switch/socket outlet *4/9*
2-part combination, switch/socket outlet, with grounding pin *4/9*
Universal switches *4/9*
Touch dimmers *1/27*, *5/23*, *6/20*
With radio control *1/27*, *5/23*, *6/20*
Touch switches
With radio control *1/28*, *5/24*, *6/20*
Traffic light function *19/67*
Transformers
Magnetic *10/12*
Tubular lamp *5/42*
For light signal insert *6/38*
TV/RF/SAT *19/66*
DELTA natur *7/12*
DELTA profil *5/37*
DELTA style *6/31*
Inserts *15/2*
i-system *1/38*
TV/RF/SAT connection
Cover plates for ~ *1/38*, *5/37*, *6/31*, *7/12*
Two-circuit switches *9/5*, *9/14*, *9/20*, *10/8*, *19/12*
For school program *10/8*
Two-way switches *9/3*, *9/20*
Comply with workplace regulations *9/15*
Double *9/14*
With labeling field *9/13*
With window *9/13*

U

UAE
8/6/TAE 6F+N, black *15/3*
UAE outlet boxes *19/64*
Cat.3 *1/36*, *8/6*, *15/9*
Cat.3, Rutenbeck *15/3*
Cat.5 *8/6*, *15/9*
Cat.5, Rutenbeck *15/3*
Cover plates for ~ *1/36*, *1/37*, *5/35*, *6/29*, *6/30*, *7/11*
real Cat.6a, Rutenbeck *15/3*
Universal dimmer expansion *10/18*
Universal dimmers
sys inserts *10/15*, *16/6*, *19/19*
Universal switches *9/12*, *10/3*, *19/7*
For school program *10/3*
Tom's Drag *4/9*

V

Voice networks
Inserts *15/3*
Volume control *1/42*, *5/40*, *6/34*

W

Wall socket outlet with lid *9/26*
Wall-mounted transmitter,
230 V UP 110 wave *16/5*
Transmitters "Batterie" UP 110 wave *16/5*
UP 560 "Aktor" 230 V wave *16/6*
Wall-mounting bracket
For hand-held transmitters *16/11*
Water sensors
UP 272 *5/34*, *6/28*
Window
For light signals *9/25*
Window contact AP 260 wave *16/8*
Window set
For light signals *5/42*, *6/38*, *9/25*
For switches and pushbuttons *9/25*
Workplace regulations *9/15*, *9/16*

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TA2					
5TA2 108	1/7, 1/9, 5/9, 5/10, 6/7, 6/8, 7/6, 10/6	A	1	1/10 units	021
5TA2 108-0KK	10/6	C	1	10 units	021
5TA2 112	1/7, 5/8, 6/6, 10/5	A	1	1/10 units	021
5TA2 112-0KK	10/5	C	1	10 units	021
5TA2 114	1/9, 1/10, 1/21, 5/18, 6/9, 6/16, 7/7, 7/9, 13/2	A	1	1/10 units	021
5TA2 114-0KK	13/2	C	1	10 units	021
5TA2 117	1/6, 1/7, 1/8, 1/9, 5/8, 5/9, 5/10, 6/6, 6/7, 6/8, 7/6, 10/4	A	1	1/10 units	021
5TA2 117-0KK	10/4	C	1	10 units	021
5TA2 118	1/9, 1/10, 5/11, 6/8, 7/7, 10/7	A	1	1/10 units	021
5TA2 118-0KK	10/7	C	1	10 units	021
5TA2 128	1/40, 10/8	A	1	1/10 units	021
5TA2 130	1/40, 10/6	A	1	1/10 units	021
5TA2 131	1/40, 10/3	A	1	1/10 units	021
5TA2 132	1/40, 10/4	A	1	1/10 units	021
5TA2 150	1/7, 1/9, 5/9, 5/10, 6/7, 6/8, 7/6, 10/6	A	1	1/10 units	021
5TA2 150-0KK	10/6	C	1	10 units	021
5TA2 151	1/6, 1/7, 1/8, 1/9, 5/8, 5/9, 5/10, 6/6, 6/7, 6/8, 7/6, 10/4	A	1	1/10 units	021
5TA2 151-0KK	10/4	C	1	10 units	021
5TA2 153	1/7, 5/8, 6/6, 10/5	A	1	1/10 units	021
5TA2 153-0KK	10/5	C	1	10 units	021
5TA2 154	1/9, 1/10, 1/21, 5/18, 6/9, 6/16, 7/7, 7/9, 13/2	A	1	1/10 units	021
5TA2 154-0KK	13/2	C	1	10 units	021
5TA2 155	1/9, 1/10, 5/11, 6/8, 6/9, 7/7, 10/8	A	1	1/10 units	021
5TA2 155-0KK	10/8	C	1	10 units	021
5TA2 156	1/6, 1/7, 1/8, 1/9, 5/8, 5/9, 5/10, 6/6, 6/7, 6/8, 7/6, 10/3	A	1	1/10 units	021
5TA2 156-0KK	10/3	C	1	10 units	021
5TA2 162	1/7, 5/8, 6/6, 10/5	A	1	1/10 units	021
5TA2 162-0KK	10/5	C	1	10 units	021
5TA2 316-0	4/9	C	1	1 unit	021
5TA2 316-1	4/9	C	1	1 unit	021
5TA2 316-2	4/9	C	1	1 unit	021
5TA2 316-3	4/9	C	1	1 unit	021
5TA2 326-0	4/9	C	1	1 unit	021
5TA2 326-1	4/9	C	1	1 unit	021
5TA2 326-2	4/9	C	1	1 unit	021
5TA2 326-3	4/9	C	1	1 unit	021
5TA2 327-3	4/9	C	1	1 unit	021
5TA3					
5TA3 250	9/4	A	1	1/10 units	021
5TA3 251	9/3	A	1	1/10 units	021
5TA3 252	9/4	A	1	1/10 units	021
5TA3 255	9/5	A	1	1/10 units	021
5TA3 256	9/3	A	1	1/10 units	021
5TA3 257	9/4	A	1	1/10 units	021
5TA3 258	9/5	A	1	1/10 units	021

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TA4					
5TA4 700	9/12	A	1	1/10 units	021
5TA4 701	9/12	A	1	1/10 units	021
5TA4 702	9/13	A	1	1/10 units	021
5TA4 705	9/14	A	1	1/10 units	021
5TA4 706	9/12	A	1	1/10 units	021
5TA4 707	9/12	A	1	1/10 units	021
5TA4 708	9/14	A	1	1/10 units	021
5TA4 710	9/13	A	1	1/10 units	021
5TA4 711	9/15	A	1	1/10 units	021
5TA4 716	9/15	A	1	1/10 units	021
5TA4 726	9/13	A	1	1/10 units	021
5TA4 741	9/13	A	1	1/10 units	021
5TA4 742	9/13	A	1	1/10 units	021
5TA4 753	9/14	A	1	1/10 units	021
5TA4 815	9/20	A	1	1/5 units	021
5TA4 816	9/20	A	1	1/5 units	021
5TA4 825	9/20	X	1	1 unit	021
5TA4 826	9/20	A	1	1 unit	021
5TA7					
5TA7 650	9/16, 9/22, 13/5	A	1	1 unit	021
5TA7 651	9/16, 9/22, 13/5	A	1	1 unit	021
5TA7 660	1/23, 5/19, 13/5	A	1	1 unit	021
5TA7 661	1/23, 5/19, 13/5	A	1	1 unit	021
5TA7 662	1/22, 13/5	A	1	1 unit	021
5TA7 663	1/23, 13/5	A	1	1 unit	021
5TA7 664	1/22, 5/18, 6/16, 13/6	A	1	1 unit	021
5TA7 665	1/22, 6/16, 13/6	A	1	1 unit	021
5TA7 666	1/22, 5/18, 6/16, 13/6	A	1	1 unit	021
5TA7 667	1/22, 6/16, 13/6	A	1	1 unit	021
5TA7 668	1/22, 5/18, 6/16, 13/7	A	1	1 unit	021
5TA7 670	1/22, 6/16, 13/7	A	1	1 unit	021
5TA7 671	1/23, 13/5	A	1	1 unit	021
5TA7 672	1/23, 13/5	A	1	1 unit	021
5TA7 673	1/22, 13/5	A	1	1 unit	021
5TA7 674	1/23, 13/5	A	1	1 unit	021
5TA7 675	1/22, 13/6	A	1	1 unit	021
5TA7 676	1/22, 13/6	A	1	1 unit	021
5TA7 677	1/22, 13/6	A	1	1 unit	021
5TA7 678	1/22, 13/6	A	1	1 unit	021
5TA7 680	1/22, 13/7	A	1	1 unit	021
5TA7 681	1/22, 13/7	A	1	1 unit	021
5TA7 692	6/16, 13/2	A	1	1 unit	021
5TA7 693	6/16, 13/2	A	1	1 unit	021
5TB6					
5TB6 231	9/16	A	1	1 unit	021
5TC1					
5TC1 010	1/16	A	1	1 unit	024
5TC1 011	1/16	A	1	1 unit	024
5TC1 012	1/16	A	1	1 unit	024
5TC1 013	1/16	A	1	1 unit	024
5TC1 014	5/15	A	1	1 unit	024
5TC1 060	4/10, 15/8	A	1	1 unit	024
5TC1 061	4/10, 15/8	A	1	1 unit	024
5TC1 062	4/10, 15/8	A	1	1 unit	024
5TC1 230	1/27, 5/23, 6/20, 10/15, 16/6	A	1	1 unit	024
5TC1 231	1/23, 5/19, 6/17, 13/3, 16/7	A	1	1 unit	024

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TC1 232	1/28, 5/24, 6/20, 10/16, 16/5	A	1	1 unit	024
5TC1 233	1/28, 5/24, 6/20, 10/17, 16/6	A	1	1 unit	024
5TC1 250	6/35, 10/17	A	1	1 unit	024
5TC1 270	1/25, 5/21, 6/18, 13/3	A	1	1 unit	024
5TC1 271	1/25, 5/21, 6/18, 13/4	A	1	1 unit	024
5TC1 290	17/2	A	1	1 unit	024
5TC1 291	17/3	A	1	1 unit	024
5TC1 295	17/2	A	1	1 unit	024
5TC1 296	17/3	A	1	1 unit	024
5TC1 297	17/3	A	1	1 unit	024
5TC1 298	17/2	A	1	1 unit	024
5TC1 300	1/27	A	1	1 unit	024
5TC1 301	1/27	A	1	1 unit	024
5TC1 302	1/27	A	1	1 unit	024
5TC1 302-0	1/27	A	1	1 unit	024
5TC1 302-1	1/27	A	1	1 unit	024
5TC1 302-2	1/27	A	1	1 unit	024
5TC1 303	1/27	A	1	1 unit	024
5TC1 310	5/23	A	1	1 unit	024
5TC1 312	5/23	A	1	1 unit	024
5TC1 313	5/23	A	1	1 unit	024
5TC1 314	5/23	A	1	1 unit	024
5TC1 317	6/20	A	1	1 unit	024
5TC1 317-1	6/20	B	1	1 unit	024
5TC1 318	6/20	A	1	1 unit	024
5TC1 320	1/23	A	1	1 unit	024
5TC1 321	1/23	A	1	1 unit	024
5TC1 322	1/23	A	1	1 unit	024
5TC1 323	1/23	B	1	1 unit	024
5TC1 330	5/19	A	1	1 unit	024
5TC1 332	5/19	A	1	1 unit	024
5TC1 333	5/19	A	1	1 unit	024
5TC1 334	5/19	A	1	1 unit	024
5TC1 337	6/17	A	1	1 unit	024
5TC1 337-1	6/17	B	1	1 unit	024
5TC1 338	6/17	A	1	1 unit	024
5TC1 500	1/29, 1/30, 5/25, 5/26, 6/21, 6/22, 11/2	A	1	1 unit	024
5TC1 501	1/29, 1/30, 5/25, 5/26, 6/21, 6/22, 11/2	A	1	1 unit	024
5TC1 502	1/29, 1/30, 5/25, 5/26, 6/21, 6/22, 11/3	A	1	1 unit	024
5TC1 503	1/29, 5/25	A	1	1 unit	024
5TC1 504	1/29, 5/25	A	1	1 unit	024
5TC1 505	1/30, 5/26	A	1	1 unit	024
5TC1 506	1/30, 5/26	A	1	1 unit	024
5TC1 507	1/29, 5/25	A	1	1 unit	024
5TC1 508	1/29, 5/25	A	1	1 unit	024
5TC1 510	1/30, 5/26	A	1	1 unit	024
5TC1 511	1/30, 5/26	A	1	1 unit	024
5TC1 512	1/29, 5/25	A	1	1 unit	024
5TC1 513	1/29, 5/25	A	1	1 unit	024
5TC1 514	1/30, 5/26	A	1	1 unit	024
5TC1 515	1/30, 5/26	A	1	1 unit	024
5TC1 520	1/24, 5/20, 13/8	A	1	1 unit	024
5TC1 521	1/24, 5/20, 13/9	A	1	1 unit	024
5TC1 522	1/24, 5/20, 13/8	A	1	1 unit	024
5TC1 523	1/24, 5/20, 13/9	A	1	1 unit	024
5TC1 524	1/24, 5/20, 13/8	A	1	1 unit	024
5TC1 525	1/24, 5/20, 13/9	A	1	1 unit	024
5TC1 526	1/24, 1/44, 5/20, 5/42, 6/18, 6/37, 13/9, 13/10	A	1	1 unit	024
5TC1 527	1/29	A	1	1 unit	024
5TC1 528	1/29	A	1	1 unit	024
5TC1 530	1/30	A	1	1 unit	024
5TC1 531	1/30	A	1	1 unit	024
5TC1 532	1/24, 13/8	A	1	1 unit	024
5TC1 533	1/24, 13/9	A	1	1 unit	024
5TC1 535	5/25	A	1	1 unit	024
5TC1 537	6/21	A	1	1 unit	024
5TC1 537-1	6/21	A	1	1 unit	024
5TC1 540	5/25	A	1	1 unit	024
5TC1 542	6/21	A	1	1 unit	024
5TC1 542-1	6/21	A	1	1 unit	024
5TC1 544	5/26	A	1	1 unit	024
5TC1 546	6/22	A	1	1 unit	024
5TC1 546-1	6/22	A	1	1 unit	024
5TC1 548	5/26	A	1	1 unit	024
5TC1 551	6/22	A	1	1 unit	024
5TC1 551-1	6/22	A	1	1 unit	024
5TC1 552	13/8	A	1	1 unit	024
5TC1 553	5/20, 13/8	A	1	1 unit	024
5TC1 554	13/8	A	1	1 unit	024
5TC1 555	6/17	A	1	1 unit	024
5TC1 555-1	6/17	A	1	1 unit	024
5TC1 556	13/9	A	1	1 unit	024
5TC1 557	5/20, 13/9	A	1	1 unit	024
5TC1 558	13/9	A	1	1 unit	024
5TC1 560	6/18	A	1	1 unit	024
5TC1 560-1	6/18	A	1	1 unit	024
5TC6					
5TC6 107	16/10	C	1	1 unit	024
5TC6 114	16/11	C	1	1 unit	024
5TC6 115	16/11	C	1	1 unit	024
5TC6 116	16/11	C	1	1 unit	024
5TC6 117	16/10	C	1	1 unit	024
5TC6 118	16/10	C	1	1 unit	024
5TC6 120	16/11	C	1	1 unit	024
5TC6 200	16/12	C	1	1 unit	024
5TC6 201	16/12	C	1	1 unit	024
5TC6 202	16/12	C	1	1 unit	024
5TC6 203	16/12	C	1	1 unit	024
5TC6 204	16/12	C	1	1 unit	024
5TC6 205	16/13	C	1	1 unit	024
5TC6 250	16/13	C	1	1 unit	024
5TC6 251	16/13	C	1	1 unit	024
5TC6 252	16/13	C	1	1 unit	024
5TC6 300	16/13	C	1	1 unit	024
5TC6 301	16/14	C	1	1 unit	024
5TC6 330	16/14	C	1	1 unit	024
5TC6 331	16/14	C	1	1 unit	024
5TC6 380	16/14	C	1	1 unit	024
5TC6 383	16/14	C	1	1 unit	024
5TC6 900	16/11	C	1	1 unit	024
5TC7					
5TC7 210	11/4	A	1	1 unit	024
5TC7 211	11/4	A	1	1 unit	024
5TC7 212	11/4	A	1	1 unit	024
5TC7 213	11/4	A	1	1 unit	024

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TC7 214	11/4	A	1	1 unit	024
5TC7 215	11/4	A	1	1 unit	024
5TC7 900	11/4	A	1	1 unit	024
5TC7 901	11/4	A	1	1 unit	024
5TC7 902	11/4	A	1	1 unit	024
5TC8					
5TC8 232	1/27, 5/23, 6/19, 10/14	A	1	1 unit	024
5TC8 240	1/27, 5/23, 6/19, 10/14	A	1	1 unit	024
5TC8 256	1/26, 5/22, 6/19, 7/10, 10/11	A	1	1 unit	024
5TC8 257	1/26, 5/22, 6/19, 7/10, 10/12	A	1	1 unit	024
5TC8 258	1/26, 5/22, 6/19, 7/10, 10/13	A	1	1 unit	024
5TC8 283	1/26, 5/22, 6/19, 7/10, 10/12	A	1	1 unit	024
5TC8 284	1/26, 5/22, 6/19, 7/10, 10/13	A	1	1 unit	024
5TC8 300-0	12/3	A	1	1 unit	030
5TC8 424	1/26, 5/22, 6/19, 7/10, 10/15	A	1	1 unit	024
5TC8 425	1/26, 5/22, 6/19, 7/10, 10/16	A	1	1 unit	024
5TC8 604	1/42, 5/40, 6/20, 10/17	A	1	1 unit	024
5TC8 900	1/26	A	1	1/10 units	024
5TC8 901	1/26	A	1	1/10 units	024
5TC8 902	1/26	A	1	1/10 units	024
5TC8 903	1/26	A	1	1/10 units	024
5TC8 904	5/22	A	1	1/10 units	024
5TC8 906	5/22	A	1	1/10 units	024
5TC8 907	5/22	A	1	1/10 units	024
5TC8 908	5/22	A	1	1/10 units	024
5TC8 912	6/19	A	1	1/10 units	024
5TC8 912-1	6/19	A	1	1/10 units	024
5TC8 913	6/19	A	1	1/10 units	024
5TC8 914	7/10	A	1	1 unit	024
5TC8 915	7/10	A	1	1 unit	024
5TC8 916	7/10	A	1	1 unit	024
5TC8 917	7/10	A	1	1 unit	024
5TC8 918	7/10	A	1	1 unit	024
5TC8 920	7/10	A	1	1 unit	024
5TC8 924	1/42	A	1	1/10 units	024
5TC8 925	1/42	A	1	1/10 units	024
5TC8 926	5/40	A	1	1/10 units	024
5TC8 927	6/20	A	1	1/10 units	024
5TC8 927-1	6/20	A	1	1 unit	024
5TC8 932	6/35	A	1	1/10 units	024
5TC8 932-1	6/35	A	1	1 unit	024
5TC9					
5TC9 200	1/31, 5/28, 6/23, 14/2	A	1	1 unit	024
5TC9 201	1/31, 5/28, 6/23, 14/2	A	1	1/100 units	024
5TC9 202	1/31, 5/28, 6/23, 14/2	A	1	1 unit	024
5TC9 203	1/31, 5/28, 6/23, 14/3	A	1	1 unit	024
5TC9 220	1/31	A	1	1 unit	024
5TC9 221	1/31	A	1	1/25 units	024
5TC9 222	1/31	A	1	1 unit	024
5TC9 223	1/31	A	1	1 unit	024
5TC9 224	1/31	A	1	1 unit	024
5TC9 225	1/31	A	1	1 unit	024
5TC9 226	5/28	A	1	1/25 units	024
5TC9 228	5/28	A	1	1 unit	024
5TC9 230	5/28	A	1	1 unit	024
5TC9 231	5/28	A	1	1 unit	024
5TC9 234	5/28	A	1	1 unit	024
5TC9 236	5/28	A	1	1 unit	024
5TC9 237	5/28	A	1	1 unit	024
5TC9 238	5/28	A	1	1 unit	024
5TC9 242	5/28	A	1	1 unit	024
5TC9 244	5/28	A	1	1 unit	024
5TC9 245	5/28	A	1	1 unit	024
5TC9 246	5/28	A	1	1 unit	024
5TC9 250	1/31	A	1	1 unit	024
5TC9 251	1/31	A	1	1 unit	024
5TC9 252	1/31	A	1	1 unit	024
5TC9 253	1/31	A	1	1 unit	024
5TC9 254	1/31	A	1	1 unit	024
5TC9 255	1/31	A	1	1 unit	024
5TC9 256	6/23	A	1	1 unit	024
5TC9 256-1	6/23	A	1	1 unit	024
5TC9 257	6/23	A	1	1 unit	024
5TC9 258	6/23	A	1	1 unit	024
5TC9 258-1	6/23	A	1	1 unit	024
5TC9 260	6/23	A	1	1 unit	024
5TC9 261	6/23	A	1	1 unit	024
5TC9 261-1	6/23	A	1	1 unit	024
5TC9 262	6/23	A	1	1 unit	024
5TD2					
5TD2 111	1/9, 1/10, 5/11, 6/8, 6/9, 7/7, 10/11	A	1	1/10 units	021
5TD2 111-0KK	10/11	C	1	10 units	021
5TD2 114	1/7, 1/9, 5/9, 5/10, 6/7, 6/8, 7/6, 10/10	A	1	1/10 units	021
5TD2 114-0KK	10/10	C	1	10 units	021
5TD2 115	1/9, 1/10, 5/11, 6/8, 7/7, 10/11	A	1	1/10 units	021
5TD2 115-0KK	10/11	C	1	10 units	021
5TD2 116	1/7, 1/9, 5/9, 5/10, 6/7, 6/8, 7/6, 10/9	A	1	1/10 units	021
5TD2 116-0KK	10/9	C	1	10 units	021
5TD2 117	1/7, 1/9, 5/9, 5/10, 6/7, 6/8, 7/6, 10/10	A	1	1/10 units	021
5TD2 117-0KK	10/10	C	1	10 units	021
5TD2 120	1/6, 1/7, 1/8, 1/9, 1/11, 5/8, 5/9, 5/10, 6/6, 6/7, 6/8, 6/9, 7/6, 10/9	A	1	1/10 units	021
5TD2 120-0KK	10/9	C	1	10 units	021
5TD2 123	1/6, 1/7, 1/8, 1/9, 1/11, 5/8, 5/9, 5/10, 6/6, 6/7, 6/8, 6/9, 7/6, 10/10	A	1	1/10 units	021
5TD2 123-0KK	10/10	C	1	10 units	021
5TD2 125	1/40, 10/9	A	1	1/10 units	021
5TD2 813	1/41	A	1	1 unit	021
5TD2 814	1/41	A	1	1 unit	021
5TD2 832	5/39	A	1	1 unit	021
5TD2 833	5/39	A	1	1 unit	021
5TD2 860	6/34	A	1	1 unit	021
5TD2 860-1	6/34	A	1	1 unit	021
5TD2 861	6/34	A	1	1 unit	021
5TD2 862	6/10, 6/35	A	1	1 unit	021
5TD2 862-1	6/10, 6/35	A	1	1 unit	021
5TD2 863	6/10, 6/35	A	1	1 unit	021

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TD2 863-1	6/10, 6/35	A	1	1 unit	021
5TD2 865	1/41	A	1	1 unit	021
5TD2 866	1/41	A	1	1 unit	021
5TD3					
5TD3 251	9/5	A	1	1/10 units	021
5TD3 252	9/6	A	1	1/10 units	021
5TD3 253	9/6	A	1	1/10 units	021
5TD3 254	9/6	A	1	1/10 units	021
5TD3 255	9/7, 9/9	A	1	1/10 units	021
5TD4					
5TD4 701	9/15	A	1	1/10 units	021
5TD4 705	9/16	A	1	1/10 units	021
5TD4 706	9/15	A	1	1/10 units	021
5TD4 707	9/14	A	1	1/10 units	021
5TD4 708	9/16, 9/22, 13/6	A	1	1/10 units	021
5TD4 780	9/15	A	1	1/10 units	021
5TD4 811	9/20	A	1	1/5 units	021
5TD4 821	9/21	X	1	1 unit	021
5TG1					
5TG1 101-0	4/7	A	1	1 unit	021
5TG1 101-1	4/7	A	1	1 unit	021
5TG1 101-2	4/7	A	1	1 unit	021
5TG1 101-3	4/7	A	1	1 unit	021
5TG1 101-4	4/7	A	1	1 unit	021
5TG1 102-0	4/7	A	1	1 unit	021
5TG1 102-1	4/7	A	1	1 unit	021
5TG1 102-2	4/7	A	1	1 unit	021
5TG1 102-3	4/7	A	1	1 unit	021
5TG1 102-4	4/7	A	1	1 unit	021
5TG1 103-0	4/7	A	1	1 unit	021
5TG1 103-1	4/7	A	1	1 unit	021
5TG1 103-2	4/7	A	1	1 unit	021
5TG1 103-3	4/7	A	1	1 unit	021
5TG1 103-4	4/7	A	1	1 unit	021
5TG1 104-0	4/7	A	1	1 unit	021
5TG1 104-1	4/7	A	1	1 unit	021
5TG1 104-2	4/7	A	1	1 unit	021
5TG1 104-3	4/7	A	1	1 unit	021
5TG1 104-4	4/7	A	1	1 unit	021
5TG1 111-0	4/8	A	1	1/10 units	021
5TG1 111-1	4/8	A	1	1/10 units	021
5TG1 111-2	4/8	A	1	1/10 units	021
5TG1 111-3	4/8	A	1	1/10 units	021
5TG1 112-0	4/8	A	1	1/10 units	021
5TG1 112-1	4/8	A	1	1/10 units	021
5TG1 112-2	4/8	A	1	1/10 units	021
5TG1 112-3	4/8	A	1	1/10 units	021
5TG1 113-0	4/8	A	1	1/10 units	021
5TG1 113-1	4/8	A	1	1/10 units	021
5TG1 113-2	4/8	A	1	1/10 units	021
5TG1 113-3	4/8	A	1	1/10 units	021
5TG1 114-0	4/8	A	1	1/10 units	021
5TG1 114-1	4/8	A	1	1/10 units	021
5TG1 114-2	4/8	A	1	1/10 units	021
5TG1 114-3	4/8	A	1	1/10 units	021
5TG1 115-0	4/8	A	1	1/3 units	021
5TG1 115-1	4/8	A	1	1/3 units	021
5TG1 115-2	4/8	A	1	1/3 units	021
5TG1 115-3	4/8	A	1	1/3 units	021
5TG1 121-0	4/7	A	1	1 unit	021
5TG1 121-1	4/7	A	1	1 unit	021
5TG1 121-2	4/7	A	1	1 unit	021
5TG1 121-3	4/7	A	1	1 unit	021
5TG1 122-0	4/7	A	1	1 unit	021
5TG1 122-1	4/7	A	1	1 unit	021
5TG1 122-2	4/7	A	1	1 unit	021
5TG1 122-3	4/7	A	1	1 unit	021
5TG1 123-0	4/7	A	1	1 unit	021
5TG1 123-1	4/7	A	1	1 unit	021
5TG1 123-2	4/7	A	1	1 unit	021
5TG1 123-3	4/7	A	1	1 unit	021
5TG1 124-0	4/7	A	1	1 unit	021
5TG1 124-1	4/7	A	1	1 unit	021
5TG1 124-2	4/7	A	1	1 unit	021
5TG1 124-3	4/7	A	1	1 unit	021
5TG1 125-0	4/7	A	1	1 unit	021
5TG1 125-1	4/7	A	1	1 unit	021
5TG1 125-2	4/7	A	1	1 unit	021
5TG1 125-3	4/7	A	1	1 unit	021
5TG1 131-0	4/6	C	1	1 unit	021
5TG1 132-0	4/6	C	1	1 unit	021
5TG1 133-0	4/6	C	1	1 unit	021
5TG1 134-0	4/6	C	1	1 unit	021
5TG1 136	1/8, 1/43	A	1	1 unit	021
5TG1 137	1/10, 1/21, 1/43	A	1	1 unit	021
5TG1 138	1/9, 1/43	A	1	1 unit	021
5TG1 141	3/6	A	1	1/10 units	021
5TG1 142	3/6	A	1	1/10 units	021
5TG1 143	3/6	A	1	1/10 units	021
5TG1 144	3/6	A	1	1/10 units	021
5TG1 145	3/6	A	1	1/5 units	021
5TG1 150	2/6, 3/6, 4/8	A	1	1/10 units	021
5TG1 151	3/6	A	1	1/10 units	021
5TG1 152	3/6	A	1	1/10 units	021
5TG1 153	3/6	A	1	1/10 units	021
5TG1 154	3/6	A	1	1/10 units	021
5TG1 155	3/6	A	1	1/5 units	021
5TG1 160	2/6, 3/6, 4/8	A	1	1/10 units	021
5TG1 161	3/6	A	1	1/10 units	021
5TG1 162	3/6	A	1	1/10 units	021
5TG1 163	3/6	A	1	1/10 units	021
5TG1 164	3/6	A	1	1/10 units	021
5TG1 165	3/6	A	1	1/5 units	021
5TG1 171	3/6	A	1	1/10 units	021
5TG1 172	3/6	A	1	1/10 units	021
5TG1 173	3/6	A	1	1/10 units	021
5TG1 174	3/6	A	1	1/10 units	021
5TG1 175	3/6	A	1	1/5 units	021
5TG1 177	3/7	A	1	1/10 units	021
5TG1 178	3/7	A	1	1/10 units	021
5TG1 180	3/7	A	1	1/10 units	021
5TG1 181	3/7	A	1	1/10 units	021
5TG1 182	3/7	A	1	1/10 units	021
5TG1 183	3/7	A	1	1/10 units	021
5TG1 184	3/7	A	1	1/10 units	021
5TG1 185	3/7	A	1	1/10 units	021
5TG1 186	3/7	A	1	1/10 units	021
5TG1 187	3/7	A	1	1/10 units	021
5TG1 188-1	3/7	A	1	1/10 units	021
5TG1 201	4/6	A	1	1 unit	021
5TG1 201-1	4/6	A	1	1 unit	021
5TG1 201-2	4/6	A	1	1 unit	021
5TG1 201-3	4/6	A	1	1 unit	021
5TG1 201-4	4/6	A	1	1 unit	021
5TG1 202	4/6	A	1	1 unit	021
5TG1 202-1	4/6	A	1	1 unit	021
5TG1 202-2	4/6	A	1	1 unit	021
5TG1 202-3	4/6	A	1	1 unit	021
5TG1 202-4	4/6	A	1	1 unit	021
5TG1 203	4/6	A	1	1 unit	021
5TG1 203-1	4/6	A	1	1 unit	021
5TG1 203-2	4/6	A	1	1 unit	021
5TG1 203-3	4/6	A	1	1 unit	021
5TG1 203-4	4/6	A	1	1 unit	021

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TG1 204	4/6	A	1	1 unit	021
5TG1 204-1	4/6	A	1	1 unit	021
5TG1 204-2	4/6	A	1	1 unit	021
5TG1 204-3	4/6	A	1	1 unit	021
5TG1 204-4	4/6	A	1	1 unit	021
5TG1 205	4/6	A	1	1 unit	021
5TG1 205-1	4/6	A	1	1 unit	021
5TG1 205-2	4/6	A	1	1 unit	021
5TG1 205-3	4/6	A	1	1 unit	021
5TG1 205-4	4/6	A	1	1 unit	021
5TG1 207	1/36	A	1	1/10 units	021
5TG1 208	1/36	A	1	1/10 units	021
5TG1 210	1/36	A	1	1/10 units	021
5TG1 211	1/36	A	1	1/10 units	021
5TG1 220	1/41	A	1	1/10 units	021
5TG1 221	1/41	A	1	1/10 units	021
5TG1 222-2	1/38	A	1	1/10 units	021
5TG1 223	1/38	A	1	1/10 units	021
5TG1 226-2	1/36	A	1	1/10 units	021
5TG1 227	1/36	A	1	1/10 units	021
5TG1 228	1/37	A	1	1/10 units	021
5TG1 230	1/36	A	1	1/10 units	021
5TG1 231	1/36	A	1	1/10 units	021
5TG1 250	1/41	A	1	1/10 units	021
5TG1 251	1/41	A	1	1/10 units	021
5TG1 252-2	1/38	A	1	1/10 units	021
5TG1 253	1/38	A	1	1/10 units	021
5TG1 256-2	1/36	A	1	1/10 units	021
5TG1 257	1/36	A	1	1/10 units	021
5TG1 258	1/37	A	1	1/10 units	021
5TG1 260	1/36	A	1	1/10 units	021
5TG1 261	1/36	A	1	1/10 units	021
5TG1 305	6/7, 6/8, 6/36	A	1	1 unit	021
5TG1 306	6/9, 6/36	A	1	1 unit	021
5TG1 316	6/8, 6/36	A	1	1 unit	021
5TG1 321	6/5	A	1	1/10 units	021
5TG1 321-1	6/5	A	1	1/10 units	021
5TG1 322	6/5	A	1	1/10 units	021
5TG1 322-1	6/5	A	1	1/10 units	021
5TG1 323	6/5	A	1	1/10 units	021
5TG1 323-1	6/5	A	1	1/10 units	021
5TG1 324	6/5	A	1	1/10 units	021
5TG1 324-1	6/5	A	1	1/10 units	021
5TG1 325	6/5	A	1	1/5 units	021
5TG1 325-1	6/5	A	1	1/5 units	021
5TG1 326	6/5	A	1	1/10 units	021
5TG1 326-1	6/5	A	1	1/10 units	021
5TG1 327	6/5, 6/15, 6/16, 13/8, 13/9	A	1	1/10 units	021
5TG1 327-1	6/5	A	1	1/10 units	021
5TG1 328	6/5, 6/25, 6/26	A	1	1/10 units	021
5TG1 328-1	6/5, 6/26	A	1	1/10 units	021
5TG1 330	6/34	A	1	1/10 units	021
5TG1 330-1	6/34	A	1	1/10 units	021
5TG1 333	6/34	A	1	1/10 units	021
5TG1 333-1	6/34	A	1	1/10 units	021
5TG1 335	6/34	A	1	1/10 units	021
5TG1 335-1	6/34	A	1	1/10 units	021
5TG1 338	6/31	A	1	1/10 units	021
5TG1 338-1	6/31	A	1	1/10 units	021
5TG1 340	6/14	A	1	1/10 units	021
5TG1 340-1	6/14	A	1	1/10 units	021
5TG1 342	6/29	A	1	1/10 units	021
5TG1 342-1	6/29	A	1	1/10 units	021
5TG1 343	6/30	A	1	1 unit	021
5TG1 343-1	6/30	A	1	1 unit	021
5TG1 358	6/30	A	1	1 unit	021
5TG1 358-1	6/30	A	1	1 unit	021
5TG1 360	6/16	A	1	1/10 units	021
5TG1 360-1	6/16	A	1	1/10 units	021
5TG1 361	6/5	A	1	1/10 units	021
5TG1 362	6/5	A	1	1/10 units	021
5TG1 363	6/5	A	1	1/10 units	021
5TG1 364	6/5	A	1	1/10 units	021
5TG1 365	6/5	A	1	1/5 units	021
5TG1 366	6/5	A	1	1/10 units	021
5TG1 367	6/5	A	1	1/10 units	021
5TG1 368	6/5, 6/25, 6/26	A	1	1/10 units	021
5TG1 370	6/34	A	1	1/10 units	021
5TG1 375	6/34	A	1	1/10 units	021
5TG1 378	6/31	A	1	1/10 units	021
5TG1 380	6/14	A	1	1/10 units	021
5TG1 382	6/29	A	1	1/10 units	021
5TG1 391	6/33, 8/5	A	1	1/20 units	021
5TG1 391-1	6/33, 8/5	A	1	1/20 units	021
5TG1 392	6/33, 8/5	A	1	1/20 units	021
5TG1 392-1	6/33, 8/5	A	1	1/20 units	021
5TG1 394	6/29	A	1	1 unit	021
5TG1 394-1	6/29	A	1	1/10 units	021
5TG1 395	6/30	A	1	1 unit	021
5TG1 395-1	6/30	A	1	1 unit	021
5TG1 398	6/30	A	1	1 unit	021
5TG1 600	7/13	A	1	1 unit	021
5TG1 601	7/5	A	1	1 unit	021
5TG1 602	7/5	A	1	1 unit	021
5TG1 603	7/5	A	1	1 unit	021
5TG1 604	7/5	A	1	1 unit	021
5TG1 605	7/12	A	1	1 unit	021
5TG1 607	7/11	A	1	1 unit	021
5TG1 610	7/13	A	1	1 unit	021
5TG1 611	7/5	A	1	1 unit	021
5TG1 612	7/5	A	1	1 unit	021
5TG1 613	7/5	A	1	1 unit	021
5TG1 614	7/5	A	1	1 unit	021
5TG1 615	7/12	A	1	1 unit	021
5TG1 617	7/11	A	1	1 unit	021
5TG1 620	7/13	A	1	1 unit	021
5TG1 621	7/5	A	1	1 unit	021
5TG1 622	7/5	A	1	1 unit	021
5TG1 623	7/5	A	1	1 unit	021
5TG1 624	7/5	A	1	1 unit	021
5TG1 625	7/12	A	1	1 unit	021
5TG1 627	7/11	A	1	1 unit	021
5TG1 630	7/11	A	1	1 unit	021
5TG1 631	7/11	A	1	1 unit	021
5TG1 632	7/11	A	1	1 unit	021
5TG1 633	7/11	A	1	1 unit	021
5TG1 634	7/11	A	1	1 unit	021
5TG1 635	7/11	A	1	1 unit	021
5TG1 638	7/12	A	1	1 unit	021
5TG1 647	7/12	A	1	1 unit	021
5TG1 648	7/12	A	1	1 unit	021
5TG1 650	7/13	A	1	1 unit	021
5TG1 651	7/5	A	1	1 unit	021
5TG1 652	7/5	A	1	1 unit	021
5TG1 653	7/5	A	1	1 unit	021
5TG1 654	7/5	A	1	1 unit	021
5TG1 655	7/12	A	1	1 unit	021
5TG1 657	7/11	A	1	1 unit	021
5TG1 658	7/12	A	1	1 unit	021
5TG1 668	7/12	A	1	1 unit	021
5TG1 670	7/13	A	1	1 unit	021
5TG1 671	7/5	A	1	1 unit	021
5TG1 672	7/5	A	1	1 unit	021
5TG1 673	7/5	A	1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TG1 674	7/5	A	1	1 unit	021
5TG1 675	7/12	A	1	1 unit	021
5TG1 677	7/11	A	1	1 unit	021
5TG1 680	7/13	A	1	1 unit	021
5TG1 681	7/5	A	1	1 unit	021
5TG1 682	7/5	A	1	1 unit	021
5TG1 683	7/5	A	1	1 unit	021
5TG1 684	7/5	A	1	1 unit	021
5TG1 685	7/12	A	1	1 unit	021
5TG1 687	7/11	A	1	1 unit	021
5TG1 690	7/12	A	1	1 unit	021
5TG1 700-2	5/35	A	1	1/10 units	021
5TG1 701-1	5/6	A	1	1/10 units	021
5TG1 705-1	5/7, 5/20, 5/25, 5/26, 13/8, 13/9	A	1	1/10 units	021
5TG1 706-1	5/6	A	1	1/10 units	021
5TG1 707-1	5/39	A	1	1/10 units	021
5TG1 710-1	5/39	A	1	1/10 units	021
5TG1 711-1	5/6	A	1	1/10 units	021
5TG1 712-1	5/6	A	1	1/10 units	021
5TG1 713-1	5/6	A	1	1/10 units	021
5TG1 714-1	5/6	A	1	1/10 units	021
5TG1 715-1	5/6	A	1	1/5 units	021
5TG1 718-2	5/37	A	1	1/10 units	021
5TG1 745-1	13/8, 13/9	A	1	1/10 units	021
5TG1 760-2	5/35	A	1	1/10 units	021
5TG1 761	5/6	A	1	1/10 units	021
5TG1 762	5/7, 5/20, 5/25, 5/26, 13/8, 13/9	A	1	1/10 units	021
5TG1 763	5/6	A	1	1/10 units	021
5TG1 764	5/6	A	1	1/10 units	021
5TG1 765	5/35	A	1	1/10 units	021
5TG1 766	5/6	A	1	1/10 units	021
5TG1 767	5/35	A	1	1/10 units	021
5TG1 770	5/39	A	1	1/10 units	021
5TG1 771	5/6	A	1	1/10 units	021
5TG1 772	5/6	A	1	1/10 units	021
5TG1 773	5/6	A	1	1/10 units	021
5TG1 774	5/6	A	1	1/10 units	021
5TG1 775	5/6	A	1	1/5 units	021
5TG1 778-2	5/37	A	1	1/10 units	021
5TG1 787	5/39	A	1	1/10 units	021
5TG1 800-2	5/35	A	1	1/10 units	021
5TG1 801	5/6	A	1	1/10 units	021
5TG1 802	5/6	A	1	1/10 units	021
5TG1 803	5/6	A	1	1/10 units	021
5TG1 804	5/6	A	1	1/10 units	021
5TG1 806	5/6, 5/17	A	1	1/10 units	021
5TG1 807	5/39	A	1	1/10 units	021
5TG1 810	5/39	A	1	1/10 units	021
5TG1 811	5/6	A	1	1/10 units	021
5TG1 812	5/6	A	1	1/10 units	021
5TG1 813	5/6	A	1	1/10 units	021
5TG1 814	5/6	A	1	1/10 units	021
5TG1 815	5/6	A	1	1/5 units	021
5TG1 818	5/35	A	1	1/10 units	021
5TG1 821	5/35	A	1	1/10 units	021
5TG1 825	5/38	A	1	1/5 units	021
5TG1 826	5/38	A	1	1/5 units	021
5TG1 828-2	5/37	A	1	1/10 units	021
5TG1 830-2	5/35	A	1	1/10 units	021
5TG1 831	5/6	A	1	1/10 units	021
5TG1 832	5/6	A	1	1/10 units	021
5TG1 833	5/6	A	1	1/10 units	021
5TG1 834	5/6	A	1	1/10 units	021
5TG1 835	5/7, 5/20, 5/25, 5/26, 13/8, 13/9	A	1	1/10 units	021
5TG1 836	5/6	A	1	1/10 units	021
5TG1 837	5/39	A	1	1/10 units	021
5TG1 840	5/39	A	1	1/10 units	021
5TG1 841	5/6	A	1	1/10 units	021
5TG1 842	5/6	A	1	1/10 units	021
5TG1 843	5/6	A	1	1/10 units	021
5TG1 844	5/6	A	1	1/10 units	021
5TG1 845	5/6	A	1	1/5 units	021
5TG1 848	5/35	A	1	1/10 units	021
5TG1 851	5/35	A	1	1/10 units	021
5TG1 855	5/38, 8/5	A	1	1 unit	021
5TG1 856	5/38, 8/5	A	1	1 unit	021
5TG1 858-2	5/37	A	1	1/10 units	021
5TG1 885	13/8, 13/9	A	1	1/10 units	021
5TG1 890	5/38, 8/5	A	1	1 unit	021
5TG1 891	5/38, 8/5	A	1	1 unit	021
5TG1 893	5/7, 5/18, 5/19, 5/20, 5/25, 5/26, 5/38, 13/8, 13/9	A	1	1/10 units	021
5TG1 894	5/10, 5/41	A	1	1 unit	021
5TG1 897	5/42, 6/34, 6/38	A	1	1/10 units	021
5TG1 898	5/42, 6/34, 6/38	A	1	1/10 sets	021
5TG1 911	5/38, 8/5	A	1	1/20 units	021
5TG1 912	5/38, 8/5	A	1	1/20 units	021
5TG1 913	5/36, 6/30	A	1	1/10 units	021
5TG1 914	5/36, 6/30	A	1	1/10 units	021
5TG1 915	5/36, 6/31	A	1	1/10 units	021
5TG1 916	5/36	A	1	1 unit	021
5TG1 918	5/36	A	1	1 unit	021
5TG1 938-1	5/35	A	1	1/10 units	021
5TG1 940-1	5/35	A	1	1/10 units	021
5TG2					
5TG2 008	1/39, 8/4	A	1	1/20 units	021
5TG2 010	1/39, 8/4	A	1	1/20 units	021
5TG2 040	1/37, 15/7	A	1	1 unit	021
5TG2 041	1/37, 15/7	A	1	1 unit	021
5TG2 042	1/37, 15/7	A	1	1 unit	021
5TG2 052	1/37, 15/7	A	1	1 unit	021
5TG2 053	1/37, 15/7	A	1	1 unit	021
5TG2 054	1/37, 15/7	A	1	1 unit	021
5TG2 056	1/37, 5/36	A	1	1/10 units	021
5TG2 057	1/37, 5/36	A	1	1/10 units	021
5TG2 058	1/37, 5/36, 6/30, 15/5	A	1	1 unit	021
5TG2 067	1/37, 15/7	A	1	1 unit	021
5TG2 068	1/37, 15/7	A	1	1 unit	021
5TG2 078	1/37, 5/36, 6/30, 15/4	A	1	1 unit	021
5TG2 080	1/37, 5/36, 6/30, 15/4	A	1	1/10 units	021
5TG2 081	1/37, 5/36, 6/30, 15/4	A	1	1 unit	021
5TG2 082	1/37, 5/36, 6/30, 15/5	A	1	1 unit	021
5TG2 083	1/37, 5/36, 6/30, 15/5	A	1	1 unit	021
5TG2 084	1/37, 5/36, 6/30, 15/5	A	1	1 unit	021
5TG2 094	1/39, 8/4	A	1	1 unit	021
5TG2 095	1/39, 8/4	A	1	1 unit	021
5TG2 096	1/39, 8/4	A	1	1 unit	021
5TG2 097	1/39, 8/4	A	1	1 unit	021
5TG2 098	1/37, 5/36, 6/30, 15/6	A	1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TG2 124	1/37, 5/36	A	1	1/10 units	021
5TG2 125	1/37, 5/36	A	1	1/10 units	021
5TG2 406	1/36, 1/37, 5/35, 6/29, 6/30, 7/11, 15/3	A	1	1 unit	021
5TG2 407	1/36, 1/37, 5/35, 6/29, 6/30, 7/11, 15/3	A	1	1 unit	021
5TG2 417	1/36, 1/37, 5/35, 6/29, 6/30, 7/11, 15/3	A	1	1 unit	021
5TG2 418	1/36, 1/37, 5/35, 6/29, 6/30, 7/11, 15/3	A	1	1 unit	021
5TG2 448	1/36, 1/37, 5/35, 6/29, 6/30, 7/11, 15/3	A	1	1 unit	021
5TG2 467-2	1/36, 5/35, 6/29, 7/11, 15/7	A	1	1 unit	021
5TG2 468-2	1/36, 5/35, 6/29, 7/11, 15/7	A	1	1 unit	021
5TG2 480	1/36, 5/35, 6/29, 7/11, 15/2	A	1	1 unit	021
5TG2 484	1/38, 5/37, 6/31, 7/12, 15/2	A	1	1/10 units	021
5TG2 485	1/38, 5/37, 6/31, 7/12, 15/2	A	1	1/10 units	021
5TG2 497	10/19	A	1	1 set	021
5TG2 498	10/19	A	1	1 set	021
5TG2 528-2	1/38	A	1	1/10 units	021
5TG2 543	1/36	A	1	1/10 units	021
5TG2 544	1/37	A	1	1/10 units	021
5TG2 545	1/36	A	1	1/10 units	021
5TG2 546	1/37	A	1	1/10 units	021
5TG2 547	1/42	A	1	1/10 units	021
5TG2 548-2	1/38	A	1	1/10 units	021
5TG2 551-0	2/5	A	1	1/10 units	021
5TG2 551-1	2/5	A	1	1/10 units	021
5TG2 551-3	2/5	A	1	1/10 units	021
5TG2 551-4	2/5	A	1	1/10 units	021
5TG2 551-6	2/5	A	1	1/10 units	021
5TG2 551-7	2/5	A	1	1/10 units	021
5TG2 552-0	2/5	A	1	1/10 units	021
5TG2 552-1	2/5	A	1	1/10 units	021
5TG2 552-2	2/5	A	1	1/10 units	021
5TG2 552-3	2/5	A	1	1/10 units	021
5TG2 552-4	2/5	A	1	1/10 units	021
5TG2 552-5	2/5	A	1	1/10 units	021
5TG2 552-6	2/5	A	1	1/10 units	021
5TG2 552-7	2/5	A	1	1/10 units	021
5TG2 552-8	2/5	A	1	1/10 units	021
5TG2 553-0	2/5	A	1	1/10 units	021
5TG2 553-1	2/5	A	1	1/10 units	021
5TG2 553-2	2/5	A	1	1/10 units	021
5TG2 553-3	2/5	A	1	1/10 units	021
5TG2 553-6	2/5	A	1	1/10 units	021
5TG2 554-0	2/5	A	1	1/10 units	021
5TG2 554-1	2/5	A	1	1/10 units	021
5TG2 554-2	2/5	A	1	1/10 units	021
5TG2 554-3	2/5	A	1	1/10 units	021
5TG2 554-6	2/5	A	1	1/10 units	021
5TG2 555-0	2/5	A	1	1/5 units	021
5TG2 555-3	2/5	A	1	1/5 units	021
5TG2 555-6	2/5	A	1	1/5 units	021
5TG2 557	2/6, 3/6, 4/8	A	1	1/10 units	021
5TG2 558	1/41	A	1	1/10 units	021
5TG2 561	1/38	A	1	1/10 units	021
5TG2 563-2	1/36	A	1	1/10 units	021
5TG2 564	1/39, 5/38	A	1	1/10 units	021
5TG2 565	1/38	C	1	1/10 units	021
5TG2 566	1/41	A	1	1/10 units	021
5TG2 567	1/42, 5/40	A	1	1/10 units	021
5TG2 568	1/42, 5/40	A	1	1/10 units	021
5TG2 577	1/42	A	1	1/10 units	021
5TG2 581-0	2/5	A	1	1/10 units	021
5TG2 581-1	2/5	A	1	1/10 units	021
5TG2 582-0	2/5	A	1	1/10 units	021
5TG2 582-1	2/5	A	1	1/10 units	021
5TG2 582-2	2/5	A	1	1/10 units	021
5TG2 583-0	2/5	A	1	1/10 units	021
5TG2 583-1	2/5	A	1	1/10 units	021
5TG2 583-2	2/5	A	1	1/10 units	021
5TG2 584-0	2/5	A	1	1/10 units	021
5TG2 584-1	2/5	A	1	1/10 units	021
5TG2 584-2	2/5	A	1	1/10 units	021
5TG2 585-0	2/5	A	1	1/5 units	021
5TG2 587	2/6, 4/8	A	1	1/10 units	021
5TG2 588	1/41	A	1	1/10 units	021
5TG2 591	1/38	A	1	1/10 units	021
5TG2 593-2	1/36	A	1	1/10 units	021
5TG2 594	1/39	A	1	1/10 units	021
5TG2 595	1/38	C	1	1/10 units	021
5TG2 596	1/41	A	1	1/10 units	021
5TG2 597	1/42	A	1	1/10 units	021
5TG2 598	1/42	A	1	1/10 units	021
5TG2 853	1/36, 5/35, 6/29, 7/11, 15/2	A	1	1 unit	021
5TG2 854	1/36, 5/35, 6/29, 7/11, 15/3	A	1	1 unit	021
5TG2 855	1/36, 5/35, 6/29, 7/11, 15/3	A	1	1 unit	021
5TG2 861	2/8	A	1	1/5 units	021
5TG2 862	2/8	A	1	1/3 units	021
5TG2 863	2/8	A	1	1/2 units	021
5TG2 864	2/8, 2/9	A	1	1 set	021
5TG2 865	2/8, 2/9	A	1	1 set	021
5TG2 901	2/8, 6/32	A	1	1/5 units	021
5TG2 901-1	6/32	A	1	1 unit	021
5TG2 902	2/8, 6/32	A	1	1/3 units	021
5TG2 902-1	6/32	A	1	1 unit	021
5TG2 903	2/8, 6/32	A	1	1/2 units	021
5TG2 903-1	6/32	A	1	1 unit	021
5TG2 904	2/8, 2/9, 6/32, 6/38	A	1	1 set	021
5TG2 905	2/8, 2/9, 6/32, 6/38	A	1	1 set	021
5TG2 908-2X	1/42	A		1/10 units	021
5TG4					
5TG4 200	1/41, 1/45, 9/25	A	1	1/10 sets	021
5TG4 204	9/24	A	1	1/10 units	021
5TG4 205	9/24	A	1	1/10 units	021
5TG4 206	9/25	A	1	1/10 units	021
5TG4 207	9/25	A	1	1/10 units	021
5TG4 208	9/25	A	1	1/10 units	021
5TG4 210	9/25	A	1	1/10 units	021
5TG4 212	9/24	A	1	1/10 units	021
5TG4 225	1/22, 5/19, 6/17, 13/6, 13/7	A	1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TG4 240	9/9	A	1	1/50 units	021
5TG4 250	9/9	A	1	1/10 units	021
5TG4 251	9/9	A	1	1/10 units	021
5TG4 252	9/9	A	1	1/10 units	021
5TG4 253	9/9	A	1	1/10 units	021
5TG4 318	1/17, 1/18, 1/44, 2/8, 3/6, 4/6, 6/5, 6/13, 6/14, 6/32, 6/37	A	1	1/10 sets	021
5TG4 324	1/6, 1/43, 2/5, 2/8, 3/6, 4/6, 6/5, 6/6, 6/32, 6/36	A	1	1/10 sets	021
5TG4 801	5/40	A	1	1 unit	021
5TG4 802	5/40	A	1	1 unit	021
5TG4 804	5/40	A	1	1 unit	021
5TG4 805	5/40	A	1	1 unit	021
5TG4 811	5/12	A	1	1 unit	021
5TG4 812	6/34	A	1	1 unit	021
5TG4 812-1	6/34	A	1	1 unit	021
5TG4 813	6/34	A	1	1 unit	021
5TG4 814	5/12	A	1	1 unit	021
5TG4 815	1/42	A	1	1 unit	021
5TG4 816-1	5/12	A	1	1 unit	021
5TG4 820	1/11	A	1	1 unit	021
5TG4 821	1/11	A	1	1 unit	021
5TG4 822	1/11	A	1	1 unit	021
5TG4 823	1/42	A	1	1 unit	021
5TG4 824	1/11	A	1	1 unit	021
5TG4 830	6/10	A	1	1 unit	021
5TG4 830-1	6/10	A	1	1 unit	021
5TG6					
5TG6 200	1/7	A	1	1/10 units	021
5TG6 201	1/6	A	1	1/10 units	021
5TG6 202	1/7	A	1	1/10 units	021
5TG6 204	1/10	A	1	1/10 units	021
5TG6 205	1/9	A	1	1/10 units	021
5TG6 206	1/7	A	1	1/10 units	021
5TG6 207	1/6	A	1	1/10 units	021
5TG6 208	1/6	A	1	1/10 units	021
5TG6 210	1/8	A	1	1/10 units	021
5TG6 211	1/9	A	1	1/10 units	021
5TG6 212	1/10, 1/21	A	1	1/10 units	021
5TG6 213	1/10	A	1	1/10 units	021
5TG6 214	1/9, 1/21	A	1	1/10 units	021
5TG6 215	1/8	A	1	1/10 units	021
5TG6 216	1/8	A	1	1/10 units	021
5TG6 217	1/11	A	1	1/10 units	021
5TG6 218	1/8	A	1	1/10 units	021
5TG6 220	1/7	A	1	1/10 units	021
5TG6 220-0	1/7	A	1	1/10 units	021
5TG6 220-1	1/7	A	1	1/10 units	021
5TG6 220-2	1/7	A	1	1/10 units	021
5TG6 221	1/6	A	1	1/10 units	021
5TG6 221-0	1/6	A	1	1/10 units	021
5TG6 221-1	1/6	A	1	1 unit	021
5TG6 221-2	1/6	A	1	1 unit	021
5TG6 222	1/7	A	1	1/10 units	021
5TG6 224	1/10	A	1	1/10 units	021
5TG6 225	1/9	A	1	1/10 units	021
5TG6 225-0	1/9	A	1	1/10 units	021
5TG6 225-1	1/9	A	1	1 unit	021
5TG6 225-2	1/9	A	1	1/10 units	021
5TG6 226	1/7	A	1	1/10 units	021
5TG6 227	1/6	A	1	1/10 units	021
5TG6 228	1/6	A	1	1/10 units	021
5TG6 230	1/8	A	1	1/10 units	021
5TG6 231	1/9	A	1	1/10 units	021
5TG6 232	1/10, 1/21	C	1	1/10 units	021
5TG6 233	1/10	A	1	1/10 units	021
5TG6 234	1/9, 1/21	A	1	1/10 units	021
5TG6 236	1/8	A	1	1/10 units	021
5TG6 238	1/8	C	1	1/10 units	021
5TG6 240	1/7	A	1	1/10 units	021
5TG6 241	1/6	A	1	1/10 units	021
5TG6 242	1/7	A	1	1/10 units	021
5TG6 244	1/10	A	1	1/10 units	021
5TG6 245	1/9	A	1	1/10 units	021
5TG6 246	1/7	A	1	1/10 units	021
5TG6 247	1/6	A	1	1/10 units	021
5TG6 248	1/6	A	1	1/10 units	021
5TG6 250	1/8	A	1	1/10 units	021
5TG6 251	1/9	A	1	1/10 units	021
5TG6 252	1/10, 1/21	A	1	1/10 units	021
5TG6 253	1/10	A	1	1/10 units	021
5TG6 254	1/9, 1/21	A	1	1/10 units	021
5TG6 256	1/8	A	1	1/10 units	021
5TG6 258	1/8	C	1	1/10 units	021
5TG6 260	1/40	A	1	1/10 units	021
5TG6 261	1/40	A	1	1/10 units	021
5TG6 265	1/40	A	1	1/10 units	021
5TG6 266	1/40	A	1	1/10 units	021
5TG6 270	1/7	A	1	1/10 units	021
5TG6 271	1/6	A	1	1/10 units	021
5TG6 272	1/7	A	1	1/10 units	021
5TG6 274	1/10	A	1	1/10 units	021
5TG6 275	1/9	A	1	1/10 units	021
5TG6 276	1/7	A	1	1/10 units	021
5TG6 277	1/6	A	1	1/10 units	021
5TG6 278	1/6	A	1	1/10 units	021
5TG6 280	1/8	A	1	1/10 units	021
5TG6 281	1/9	A	1	1/10 units	021
5TG6 282	1/10, 1/21	C	1	1/10 units	021
5TG6 283	1/10	A	1	1/10 units	021
5TG6 284	1/9, 1/21	A	1	1/10 units	021
5TG6 285	1/8	A	1	1/10 units	021
5TG6 286	1/8	A	1	1/10 units	021
5TG6 287	1/11	A	1	1/10 units	021
5TG6 288	1/8	A	1	1/10 units	021
5TG6 290	1/40	D	1	1/10 units	021
5TG6 291	1/40	A	1	1/10 units	021
5TG6 295	1/40	D	1	1/10 units	021
5TG6 296	1/40	D	1	1/10 units	021
5TG7					
5TG7 140	6/7	A	1	1/10 units	021
5TG7 140-1	6/7	A	1	1/10 units	021
5TG7 141	6/6	A	1	1/10 units	021
5TG7 141-1	6/6	A	1	1/10 units	021
5TG7 142	6/6	A	1	1/10 units	021
5TG7 142-1	6/6	A	1	1/10 units	021
5TG7 143	6/9, 6/16	A	1	1/10 units	021
5TG7 143-1	6/9, 6/16	A	1	1/10 units	021
5TG7 144	6/6	A	1	1/10 units	021
5TG7 144-1	6/6	A	1	1/10 units	021
5TG7 145	6/8	A	1	1/10 units	021
5TG7 145-1	6/8	A	1	1/10 units	021
5TG7 146	6/7	A	1	1/10 units	021
5TG7 146-1	6/7	A	1	1/10 units	021
5TG7 147	6/9, 6/16	A	1	1/10 units	021
5TG7 147-1	6/9, 6/16	A	1	1/10 units	021
5TG7 148	6/6	A	1	1/10 units	021
5TG7 148-1	6/6	A	1	1/10 units	021
5TG7 150	6/8	A	1	1/10 units	021
5TG7 150-1	6/8	A	1	1/10 units	021
5TG7 151	6/9	A	1	1/10 units	021
5TG7 151-1	6/9	A	1	1/10 units	021

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TG7 155	6/8	A	1	1/10 units	021
5TG7 155-1	6/8	A	1	1/10 units	021
5TG7 156	6/7	A	1	1/10 units	021
5TG7 156-1	6/7	A	1	1/10 units	021
5TG7 157	6/9	A	1	1/10 units	021
5TG7 157-1	6/9	A	1	1/10 units	021
5TG7 158	6/9	A	1	1/10 units	021
5TG7 158-1	6/9	A	1	1/10 units	021
5TG7 180	6/7	A	1	1/10 units	021
5TG7 181	6/6	A	1	1/10 units	021
5TG7 182	6/6	D	1	1/10 units	021
5TG7 183	6/9, 6/16	A	1	1/10 units	021
5TG7 184	6/6	D	1	1/10 units	021
5TG7 185	6/8	A	1	1/10 units	021
5TG7 186	6/7	A	1	1/10 units	021
5TG7 188	6/6	D	1	1/10 units	021
5TG7 195	6/8	A	1	1/10 units	021
5TG7 196	6/7	A	1	1/10 units	021
5TG7 197	6/9	D	1	1/10 units	021
5TG7 198	6/9	A	1	1/10 units	021
5TG7 301	1/45, 9/25	A	1	1/10 units	021
5TG7 304	1/14, 1/45, 5/14, 5/42, 6/13, 6/38	A	1	1/10 units	021
5TG7 315	1/43, 5/41, 6/36, 7/13, 9/24, 10/19	A	1	1/10 units	021
5TG7 316	1/43, 5/41, 6/36, 7/13, 9/24, 10/19	A	1	1/10 units	021
5TG7 317	1/43, 5/41, 6/36, 7/13, 9/24, 10/19	A	1	1/10 units	021
5TG7 318	1/43, 5/41, 6/36, 7/13, 9/24, 10/19	A	1	1/10 units	021
5TG7 321	1/43, 5/41, 6/37, 7/13, 9/24, 10/19	A	1	1/10 units	021
5TG7 333	1/43, 5/41, 6/36, 7/13, 9/24, 10/19	A	1	1/10 units	021
5TG7 343	1/43, 5/41, 6/36, 7/13, 9/24, 10/19	A	1	1/10 units	021
5TG7 353	1/43, 5/41, 6/36, 7/13, 9/24, 10/19	A	1	1/10 units	021
5TG7 354	1/43, 5/41, 6/36, 7/13, 9/24, 10/19	A	1	1/10 units	021
5TG7 355	1/43, 5/41, 6/36, 7/13, 9/24, 10/19	A	1	1/10 units	021
5TG7 640	7/6	A	1	1 unit	021
5TG7 641	7/6	A	1	1 unit	021
5TG7 644	7/7, 7/9	A	1	1 unit	021
5TG7 645	7/7	A	1	1 unit	021
5TG7 650	7/6	A	1	1 unit	021
5TG7 651	7/6	A	1	1 unit	021
5TG7 654	7/7, 7/9	A	1	1 unit	021
5TG7 655	7/7	A	1	1 unit	021
5TG7 672	7/6	A	1	1 unit	021
5TG7 673	7/6	A	1	1 unit	021
5TG7 674	7/7	A	1	1 unit	021
5TG7 677	7/7, 7/9	A	1	1 unit	021
5TG7 680	7/6	A	1	1 unit	021
5TG7 681	7/6	A	1	1 unit	021
5TG7 684	7/7, 7/9	A	1	1 unit	021
5TG7 685	7/7	A	1	1 unit	021
5TG7 686	7/6	A	1	1 unit	021
5TG7 687	7/6	A	1	1 unit	021
5TG7 688	7/7	A	1	1 unit	021
5TG7 690	7/7, 7/9	A	1	1 unit	021
5TG7 691	7/6	A	1	1 unit	021
5TG7 692	7/6	A	1	1 unit	021
5TG7 693	7/7	A	1	1 unit	021
5TG7 694	7/7, 7/9	A	1	1 unit	021
5TG7 800	5/9	A	1	1/10 units	021
5TG7 801	5/8	A	1	1/10 units	021
5TG7 802	5/8	A	1	1/10 units	021
5TG7 804	5/10	A	1	1/10 units	021
5TG7 805	5/11	A	1	1/10 units	021
5TG7 806	5/9	A	1	1/10 units	021
5TG7 807	5/8	A	1	1/10 units	021
5TG7 808	5/8	A	1	1/10 units	021
5TG7 811	5/9	A	1	1/10 units	021
5TG7 812	5/9	A	1	1/10 units	021
5TG7 813	5/18	A	1	1/10 units	021
5TG7 814	5/18	A	1	1/10 units	021
5TG7 815	5/10	A	1	1/10 units	021
5TG7 816	5/10	A	1	1/10 units	021
5TG7 817	5/11	A	1	1/10 units	021
5TG7 818	5/11	A	1	1/10 units	021
5TG7 820	5/9	A	1	1/10 units	021
5TG7 821	5/8	A	1	1/10 units	021
5TG7 822	5/8	A	1	1/10 units	021
5TG7 825	5/11	A	1	1/10 units	021
5TG7 826	5/9	A	1	1/10 units	021
5TG7 827	5/8	A	1	1/10 units	021
5TG7 828	5/8	A	1	1/10 units	021
5TG7 831	5/9	C	1	1/10 units	021
5TG7 832	5/9	C	1	1/10 units	021
5TG7 833	5/18	A	1	1/10 units	021
5TG7 834	5/18	A	1	1/10 units	021
5TG7 835	5/10	A	1	1/10 units	021
5TG7 836	5/10	A	1	1/10 units	021
5TG7 837	5/11	A	1	1/10 units	021
5TG7 838	5/11	A	1	1/10 units	021
5TG7 860-1	5/9	A	1	1/10 units	021
5TG7 861-1	5/8	A	1	1/10 units	021
5TG7 865-1	5/11	A	1	1/10 units	021
5TG7 866-1	5/9	A	1	1/10 units	021
5TG7 867-1	5/8	A	1	1/10 units	021
5TG7 874-1	5/18	A	1	1/10 units	021
5TG7 876-1	5/10	A	1	1/10 units	021
5TG7 920	5/9	A	1	1/10 units	021
5TG7 921	5/8	A	1	1/10 units	021
5TG7 922	5/8	A	1	1/10 units	021
5TG7 925	5/11	A	1	1/10 units	021
5TG7 926	5/9	A	1	1/10 units	021
5TG7 927	5/8	A	1	1/10 units	021
5TG7 928	5/8	A	1	1/10 units	021
5TG7 933	5/18	A	1	1/10 units	021
5TG7 934	5/18	A	1	1/10 units	021
5TG7 935	5/10	A	1	1/10 units	021
5TG7 936	5/10	A	1	1/10 units	021
5TG7 937	5/11	A	1	1/10 units	021
5TG7 938	5/11	A	1	1/10 units	021
5TG7 960	5/18	A	1	1/10 units	021
5TG7 961	5/18	A	1	1/10 units	021
5TG7 962	5/11	A	1	1/10 units	021
5TG7 964	5/18	D	1	1/10 units	021
5TG7 965	5/18	A	1	1/10 units	021
5TG7 966	5/11	D	1	1/10 units	021
5TG7 986	5/18	D	1	1/10 units	021
5TG7 987	5/18	A	1	1/10 units	021
5TG7 988	5/11	D	1	1/10 units	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5TG8					
5TG8 302	1/44, 5/42, 6/37, 7/13	A	1	1/10 units	024
5TG8 305	1/44, 5/42, 6/37, 7/13	A	1	1/10 units	024
5TG8 330	1/44, 5/42, 6/37, 7/13	A	1	1/10 units	024
5TG8 353	1/27	A	1	1/10 units	024
5TG8 354	1/27	A	1	1/10 units	024
5TG8 356	5/23	A	1	1/10 units	024
5TG8 357	5/23	A	1	1/10 units	024
5TG8 384-1	5/23	A	1	1/10 units	024
5TG8 391	5/23	A	1	1/10 units	024
5TG8 511	6/19	A	1	1/10 units	024
5TG8 511-1	6/19	A	1	1/10 units	024
5TG8 513	6/19	A	1	1/10 units	024
5TG8 521	1/27	A	1	1/10 units	024
5TG8 523	1/27	A	1	1/10 units	024
5TG9					
5TG9 874-1AM	8/6, 15/9	A	1	1 unit	021
5TG9 874-1CM	8/6, 15/9	A	1	1 unit	021
5TG9 874-1TW	8/6, 15/9	A	1	1/60 units	021
5TG9 874-2AM	8/6, 15/9	A	1	1 unit	021
5TG9 874-2CM	8/6, 15/9	A	1	1 unit	021
5TG9 874-2TW	8/6, 15/9	A	1	1/60 units	021
5TG9 875-8AM	8/7	A	1	1/35 units	021
5TG9 875-8CM	8/7	A	1	1/35 units	021
5TG9 875-8PM	8/7	A	1	1/35 units	021
5TG9 875-8TW	8/7	A	1	1/35 units	021
5TG9 880-3	1/41, 5/39, 8/7	A	1	1 unit	021
5TG9 880-4	1/41, 5/39, 8/7	A	1	1 unit	021
5TG9 880-5	1/41, 5/39, 8/7	A	1	1 unit	021
5TG9 880-6	1/41, 5/39, 8/7	A	1	1 unit	021
5TT1					
5TT1 011	1/42	A	1	1 unit	027
5TT1 012	1/42	B	1	1 unit	027
5TT1 200	1/8, 5/9, 6/8, 10/7	A	1	1 unit	027
5TT1 201	9/14	B	1	1 unit	027
5TT1 210	1/8, 5/9, 6/8, 10/7	A	1	1 unit	027
5TT1 211	10/7	A	1	1 unit	027
5TT3					
5TT3 303	10/18	C	1	1 unit	027
5UA6					
5UA6 110	1/19	A	1	1 unit	021
5UA6 701	1/19, 5/15	A	1	1 unit	021
5UB1					
5UB1 303	1/20	D	1	1/10 units	021
5UB1 307	1/20	A	1	1/10 units	021
5UB1 311	5/17	D	1	1/10 units	021
5UB1 312	5/17	D	1	1/10 units	021
5UB1 315	5/17	A	1	1/10 units	021
5UB1 348	1/20	A	1	1/10 units	021
5UB1 350	1/20	A	1	1/10 units	021
5UB1 367	6/15	A	1	1/10 units	021
5UB1 367-1	6/15	A	1	1/10 units	021
5UB1 368	6/15	D	1	1/10 units	021
5UB1 370	6/15	A	1	1/10 units	021
5UB1 371	6/15	D	1	1/10 units	021
5UB1 403	5/13	A	1	1/10 units	021
5UB1 403-0KK	5/13	C	1	10 units	021
5UB1 404	5/15	A	1	1/10 units	021
5UB1 405	5/13	A	1	1/10 units	021
5UB1 405-0KK	5/13	C	1	10 units	021
5UB1 407	5/14	A	1	1/10 units	021
5UB1 408	5/17	A	1	1/10 units	021
5UB1 413	5/13	A	1	1/10 units	021
5UB1 414	5/15	A	1	1/10 units	021
5UB1 415	5/13	A	1	1/10 units	021
5UB1 418	5/17	D	1	1/10 units	021
5UB1 430-1	5/15	A	1	1 unit	021
5UB1 433-1	5/13	A	1	1/10 units	021
5UB1 434-1	5/15	A	1	1/10 units	021
5UB1 435-1	5/13	A	1	1/10 units	021
5UB1 460	5/15	D	1	1 unit	021
5UB1 463	5/13	A	1	1/10 units	021
5UB1 464	5/15	A	1	1/10 units	021
5UB1 465	5/13	A	1	1/10 units	021
5UB1 467	5/13	A	1	1/10 units	021
5UB1 468	5/13	A	1	1/10 units	021
5UB1 472	5/14	A	1	1/10 units	021
5UB1 474	5/14	A	1	1/10 units	021
5UB1 475	5/14	A	1	1/10 units	021
5UB1 476	5/14	A	1	1/10 units	021
5UB1 480	5/14	A	1	1/10 units	021
5UB1 481	5/13	A	1	1/10 units	021
5UB1 482	5/14	C	1	1/10 units	021
5UB1 483	5/13	A	1	1/10 units	021
5UB1 486	5/15	A	1	1 unit	021
5UB1 488	5/15	D	1	1 unit	021
5UB1 511	1/12	A	1	1/10 units	021
5UB1 511-0KK	1/12	C	1	10 units	021
5UB1 512	1/12	A	1	1/10 units	021
5UB1 513	1/12	A	1	1/10 units	021
5UB1 515	1/14	A	1	1/10 units	021
5UB1 518	1/13	A	1	1/10 units	021
5UB1 518-0KK	1/13	C	1	10 units	021
5UB1 520	1/13	A	1	1/10 units	021
5UB1 521	1/13	A	1	1/10 units	021
5UB1 522	1/13	A	1	1/10 units	021
5UB1 523	1/15	A	1	1 unit	021
5UB1 524	1/15	A	1	1/10 units	021
5UB1 525	1/15	A	1	1 unit	021
5UB1 534	1/20, 5/17, 6/15	A	1	1 unit	021
5UB1 535	1/20, 5/17, 6/15	A	1	1 unit	021
5UB1 536	1/14	A	1	1/10 units	021
5UB1 537	1/14	A	1	1/10 units	021
5UB1 538	1/14	A	1	1/10 units	021
5UB1 551	1/12	A	1	1/10 units	021
5UB1 551-0KK	1/12	C	1	10 units	021
5UB1 552	1/15	A	1	1/10 units	021
5UB1 553	1/15	A	1	1/10 units	021
5UB1 555	1/14	A	1	1/10 units	021
5UB1 556	1/15	A	1	1 unit	021
5UB1 558	1/13	A	1	1/10 units	021
5UB1 558-0KK	1/13	C	1	10 units	021
5UB1 560	1/14	A	1	1/10 units	021
5UB1 561	1/14	A	1	1/10 units	021
5UB1 562	1/14	A	1	1/10 units	021
5UB1 563	1/14	A	1	1/10 units	021
5UB1 564	1/16	A	1	1 unit	021
5UB1 565	1/16	A	1	1 unit	021
5UB1 580	1/18, 2/7	A	1	1/10 units	021
5UB1 581	1/18, 2/7	A	1	1/10 units	021
5UB1 582	1/18, 2/7	A	1	1/10 units	021
5UB1 583	1/18, 2/7	A	1	1/10 units	021
5UB1 613	7/8	A	1	1 unit	021
5UB1 614	7/8	A	1	1 unit	021
5UB1 615	7/8	A	1	1 unit	021
5UB1 630	7/8	A	1	1 unit	021
5UB1 631	7/8	A	1	1 unit	021
5UB1 638	7/8	D	1	1 unit	021
5UB1 640	7/8	A	1	1 unit	021
5UB1 641	7/8	A	1	1 unit	021

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5UB1 648	7/8	D	1	1 unit	021
5UB1 650	7/8	A	1	1 unit	021
5UB1 651	7/8	A	1	1 unit	021
5UB1 658	7/8	A	1	1 unit	021
5UB1 663	7/8	A	1	1 unit	021
5UB1 664	7/8	A	1	1 unit	021
5UB1 665	7/8	A	1	1 unit	021
5UB1 673	7/8	A	1	1 unit	021
5UB1 674	7/8	A	1	1 unit	021
5UB1 675	7/8	A	1	1 unit	021
5UB1 815	6/12	A	1	1/10 units	021
5UB1 816	6/12	A	1	1/10 units	021
5UB1 825	6/11	A	1	1/10 units	021
5UB1 825-1	6/11	A	1	1/10 units	021
5UB1 826	6/12	A	1	1/10 units	021
5UB1 827	6/12	A	1	1/10 units	021
5UB1 828	6/11	A	1	1/10 units	021
5UB1 835	6/11	A	1	1/10 units	021
5UB1 836	6/11	A	1	1/10 units	021
5UB1 837	6/11	A	1	1/10 units	021
5UB1 838	6/13	A	1	1/10 units	021
5UB1 840	6/13	A	1	1/10 units	021
5UB1 841	6/13	A	1	1/10 units	021
5UB1 842	6/13	A	1	1/10 units	021
5UB1 842-1	6/13	A	1	1/10 units	021
5UB1 843	6/14	A	1	1/10 units	021
5UB1 843-1	6/14	A	1	1/10 units	021
5UB1 844	6/12	A	1	1/10 units	021
5UB1 844-1	6/12	A	1	1/10 units	021
5UB1 845	6/12	A	1	1/10 units	021
5UB1 846	6/12	A	1	1/10 units	021
5UB1 847	6/14	A	1	1/10 units	021
5UB1 847-1	6/14	A	1	1 unit	021
5UB1 850	6/11	A	1	1/10 units	021
5UB1 851	6/11	A	1	1/10 units	021
5UB1 852	6/13	A	1	1/10 units	021
5UB1 852-1	6/13	A	1	1/10 units	021
5UB1 853	6/11	A	1	1/10 units	021
5UB1 853-0KK	6/11	C	1	10 units	021
5UB1 853-1	6/11	A	1	1/10 units	021
5UB1 854	6/13	A	1	1/10 units	021
5UB1 854-1	6/13	A	1	1/10 units	021
5UB1 855	6/11	A	1	1/10 units	021
5UB1 855-0KK	6/11	C	1	10 units	021
5UB1 855-1	6/11	A	1	1/10 units	021
5UB1 856	6/12	A	1	1/10 units	021
5UB1 857	6/12	A	1	1/10 units	021
5UB1 857-1	6/12	A	1	1/10 units	021
5UB1 858	6/13	A	1	1 unit	021
5UB1 858-1	6/13	A	1	1 unit	021
5UB1 862	6/13	A	1	1/10 units	021
5UB1 863	6/11	A	1	1/10 units	021
5UB1 864	6/13	A	1	1/10 units	021
5UB1 865	6/11	A	1	1/10 units	021
5UB1 867	6/12	A	1	1/10 units	021
5UB1 868	6/13	D	1	1 unit	021
5UB1 900	1/13	A	1	1/10 units	021
5UB1 901	1/13	A	1	1/10 units	021
5UB1 902	1/17	A	1	1/10 units	021
5UB1 905	1/17	A	1	1 unit	021
5UB1 906	1/18	A	1	1 unit	021
5UB1 907	1/17	A	1	1/10 units	021
5UB1 908	1/20	A	1	1/10 units	021
5UB1 910	1/13	A	1	1/10 units	021
5UB1 911	1/13	A	1	1/10 units	021
5UB1 912	1/17	A	1	1/10 units	021
5UB1 913	1/17	A	1	1/10 units	021
5UB1 914	1/17	A	1	1/10 units	021
5UB1 915	1/17	A	1	1 unit	021
5UB1 916	1/18	A	1	1 unit	021
5UB1 917	1/17	A	1	1/10 units	021
5UB1 918	1/20	A	1	1/10 units	021
5UB1 920	1/17	A	1	1 unit	021
5UB1 920-0	1/17	A	1	1 unit	021
5UB1 920-1	1/17	A	1	1 unit	021
5UB1 920-2	1/17	A	1	1 unit	021
5UB1 921	1/12	A	1	1/10 units	021
5UB1 922	1/17	A	1	1/10 units	021
5UB1 923	1/14	A	1	1/10 units	021
5UB1 924	1/13	A	1	1/10 units	021
5UB1 924-0	1/13	A	1	1 unit	021
5UB1 924-1	1/13	A	1	1 unit	021
5UB1 924-2	1/13	A	1	1 unit	021
5UB1 925	1/14	A	1	1/10 units	021
5UB1 926	1/16	A	1	1 unit	021
5UB1 927	1/17	A	1	1/10 units	021
5UB1 928	1/20	A	1	1/10 units	021
5UB1 930	1/17	A	1	1 unit	021
5UB1 931	1/12	A	1	1/10 units	021
5UB1 932	1/17	A	1	1/10 units	021
5UB1 933	1/14	A	1	1/10 units	021
5UB1 934	1/13	A	1	1/10 units	021
5UB1 935	1/14	A	1	1/10 units	021
5UB1 936	1/16	A	1	1 unit	021
5UB1 937	1/17	A	1	1/10 units	021
5UB1 938	1/20	A	1	1/10 units	021
5UB1 940	1/15	A	1	1/10 units	021
5UB1 941	1/15	A	1	1/10 units	021
5UB1 942	1/15	A	1	1 unit	021
5UB1 943	1/15	A	1	1/10 units	021
5UB1 944	1/15	A	1	1/10 units	021
5UB1 945	1/15	A	1	1 unit	021
5UB2					
5UB2 201	1/18	A	1	1/10 units	021
5UB2 202	1/18	A	1	1/10 units	021
5UB2 205-5A	1/18	A	1	1 unit	021
5UB2 206-5A	1/18	A	1	1 unit	021
5UB3					
5UB3 251	9/8	A	1	1/10 units	021
5UB3 252	9/8	A	1	1/5 units	021
5UB3 254	9/8	A	1	1/3 units	021
5UB3 510	9/8	A	1	1/5 units	021
5UB4					
5UB4 650	1/19, 5/16	A	1	1 unit	021
5UB4 686	9/26	A	1	1 unit	021
5UB4 705	9/18	X	1	1 unit	021
5UB4 711	9/17	A	1	1/10 units	021
5UB4 713	9/17	A	1	1/10 units	021
5UB4 714	9/18	A	1	1 unit	021
5UB4 715	9/18	A	1	1 unit	021
5UB4 716	9/19	A	1	1 unit	021
5UB4 717	9/17	A	1	1/10 units	021
5UB4 718	9/17	X	1	1 unit	021
5UB4 722	9/18	A	1	1/5 units	021
5UB4 723	9/18	A	1	1/5 units	021
5UB4 724	9/18	A	1	1 unit	021
5UB4 725	9/18	A	1	1 unit	021
5UB4 731	9/18	A	1	1 unit	021
5UB4 732	9/18	X	1	1 unit	021
5UB4 741	9/19	A	1	1/10 units	021
5UB6					
5UB6 207	5/15	A	1	1 unit	021
5UH1					
5UH1 081	1/17	A	1	1/10 units	021
5UH1 084	1/44, 5/41, 6/37	A	1	1 unit	021

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5UH1 085	1/44, 5/41, 6/37	A	1	1 unit	021
5UH1 086	1/44, 5/41, 6/37	A	1	1 unit	021
5UH1 111	1/19, 5/16	A	1	1 unit	021
5UH1 112	1/19, 5/16	A	1	1/10 units	021
5UH1 150	9/26	A	1	1/5 units	021
5UH1 204	1/18	A	1	1/10 units	021
5UH1 205	1/18	A	1	1/10 units	021
5UH1 213	1/17	A	1	1/10 units	021
5UH1 300	1/15, 1/16, 1/45, 5/15, 5/42, 6/13, 6/38	A	1	1 unit	021
5UH1 310	1/15	A	1	1/5 SZ	021
5UH1 311	1/15	A	1	1/5 SZ	021
5UH1 340	1/16	A	1	1 SZ	021
5UH1 341	1/16	A	1	1 SZ	021
5WG1					
5WG1 110-2AB03	1/32, 1/33, 1/34, 1/35, 5/29, 5/30, 5/31, 5/32, 5/33, 5/34, 6/24, 6/25, 6/26, 6/27, 6/28, 18/2	A	1	1 unit	030
5WG1 110-2AB11	1/32, 1/33, 1/34, 1/35, 5/29, 5/30, 5/31, 5/32, 5/33, 5/34, 6/24, 6/25, 6/26, 6/27, 6/28, 18/3	A	1	1 unit	030
5WG1 114-2AB02	1/34, 5/29, 5/30, 5/31, 5/33, 6/25, 6/26, 6/27, 6/28, 18/3	A	1	1 unit	030
5WG1 115-3AB11	9/23	X	1	1 unit	022
5WG1 115-3AB21	9/23	A	1	1 unit	022
5WG1 115-3AB31	9/23	A	1	1 unit	022
5WG1 116-2AB01	1/6, 1/7, 1/8, 1/9, 5/8, 5/9, 5/10, 5/18, 6/6, 6/7, 6/8, 7/6, 18/2	A	1	1 unit	030
5WG1 116-2AB11	1/9, 1/10, 1/21, 5/11, 5/18, 6/8, 6/9, 6/16, 7/7, 7/9, 18/2	A	1	1 unit	030
5WG1 116-2AB21	1/6, 1/7, 1/8, 1/9, 1/11, 5/8, 5/9, 5/10, 6/6, 6/7, 6/8, 6/9, 7/6, 18/2	A	1	1 unit	030
5WG1 116-2AB31	1/9, 1/10, 1/21, 5/11, 5/18, 6/8, 6/9, 6/16, 7/7, 7/9, 18/2	A	1	1 unit	030
5WG1 117-2AB11	1/35, 18/3	A	1	1 unit	030
5WG1 141-2AB51	12/3	A	1	1 unit	030
5WG1 141-2AB71	12/3	B	1	1 unit	030
5WG1 146-2AB11	5/33, 6/27	A	1	1 unit	022
5WG1 146-2AB21	5/33	D	1	1 unit	022
5WG1 146-2AB71	5/33	D	1	1 unit	022
5WG1 146-2EB11	5/33, 6/27	A	1	1 unit	022
5WG1 146-2EB21	5/33	B	1	1 unit	022
5WG1 146-2EB71	5/33	C	1	1 unit	022
5WG1 196-2AB01	18/3	B	1	10 units	030
5WG1 221-2AB01	1/32	B	1	1 unit	022
5WG1 221-2AB11	1/32	A	1	1 unit	022
5WG1 221-2AB21	1/32	B	1	1 unit	022
5WG1 221-2AB31	1/32	A	1	1 unit	022
5WG1 221-2EB01	1/32	B	1	1 unit	022
5WG1 221-2EB11	1/32	A	1	1 unit	022
5WG1 221-2EB21	1/32	B	1	1 unit	022
5WG1 221-2EB31	1/32	A	1	1 unit	022
5WG1 222-2AB01	1/33	B	1	1 unit	022
5WG1 222-2AB11	1/33	A	1	1 unit	022
5WG1 222-2AB21	1/33	B	1	1 unit	022
5WG1 222-2AB31	1/33	A	1	1 unit	022
5WG1 222-2EB01	1/33	B	1	1 unit	022
5WG1 222-2EB11	1/33	A	1	1 unit	022
5WG1 222-2EB21	1/33	B	1	1 unit	022
5WG1 222-2EB31	1/33	A	1	1 unit	022
5WG1 223-2AB01	1/34	B	1	1 unit	022
5WG1 223-2AB11	1/34	A	1	1 unit	022
5WG1 223-2AB21	1/34	B	1	1 unit	022
5WG1 223-2AB31	1/34	A	1	1 unit	022
5WG1 230-2AB12	5/31	B	1	1 unit	022
5WG1 230-2AB22	5/31	C	1	1 unit	022
5WG1 230-2AB72	5/31	B	1	1 unit	022
5WG1 230-2EB11	6/25	B	1	1 unit	022
5WG1 230-2EB21	6/25	B	1	1 unit	022
5WG1 231-2AB13	5/31	X	1	1 unit	022
5WG1 231-2AB23	5/31	X	1	1 unit	022
5WG1 231-2AB73	5/31	X	1	1 unit	022
5WG1 231-2EB13	6/26	X	1	1 unit	022
5WG1 231-2EB23	6/26	X	1	1 unit	022
5WG1 233-2AB11	5/29	B	1	1 unit	022
5WG1 233-2AB21	5/29	C	1	1 unit	022
5WG1 233-2AB71	5/29	B	1	1 unit	022
5WG1 234-2AB11	5/30	B	1	1 unit	022
5WG1 234-2AB21	5/30	C	1	1 unit	022
5WG1 234-2AB71	5/30	B	1	1 unit	022
5WG1 235-2AB11	5/31	B	1	1 unit	022
5WG1 235-2AB21	5/31	C	1	1 unit	022
5WG1 235-2AB71	5/31	B	1	1 unit	022
5WG1 237-2AB11	1/34	A	1	1 unit	022
5WG1 237-2AB21	1/34	B	1	1 unit	022
5WG1 237-2AB31	1/34	A	1	1 unit	022
5WG1 237-2EB11	1/35	A	1	1 unit	022
5WG1 237-2EB21	1/35	B	1	1 unit	022
5WG1 237-2EB31	1/35	A	1	1 unit	022
5WG1 237-2FB11	1/35	A	1	1 unit	022
5WG1 237-2FB21	1/35	B	1	1 unit	022
5WG1 237-2FB31	1/35	A	1	1 unit	022
5WG1 241-2AB11	5/29	A	1	1 unit	022
5WG1 241-2AB21	5/29	C	1	1 unit	022
5WG1 241-2AB71	5/29	B	1	1 unit	022
5WG1 242-2AB11	5/29	B	1	1 unit	022
5WG1 242-2AB21	5/29	C	1	1 unit	022
5WG1 242-2AB71	5/29	B	1	1 unit	022
5WG1 243-2AB11	5/30	A	1	1 unit	022
5WG1 243-2AB21	5/30	C	1	1 unit	022
5WG1 243-2AB71	5/30	B	1	1 unit	022
5WG1 244-2AB11	5/30	A	1	1 unit	022
5WG1 244-2AB21	5/30	C	1	1 unit	022
5WG1 244-2AB71	5/30	B	1	1 unit	022
5WG1 245-2AB11	5/30	A	1	1 unit	022
5WG1 245-2AB21	5/30	C	1	1 unit	022
5WG1 245-2AB71	5/30	B	1	1 unit	022
5WG1 246-2AB11	5/31	A	1	1 unit	022
5WG1 246-2AB21	5/31	C	1	1 unit	022
5WG1 246-2AB71	5/31	B	1	1 unit	022
5WG1 252-2AB13	5/33	A	1	1 unit	022
5WG1 252-2AB23	5/33	C	1	1 unit	022
5WG1 252-2AB73	5/33	A	1	1 unit	022
5WG1 252-2EB11	5/34	A	1	1 unit	022
5WG1 252-2EB21	5/34	B	1	1 unit	022

*** You can order this quantity or a multiple thereof.**

© Siemens AG 2011

Order number index

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5WG1 252-2EB71	5/34	A	1	1 unit	022
5WG1 252-2FB11	5/34	A	1	1 unit	022
5WG1 252-2FB21	5/34	B	1	1 unit	022
5WG1 252-2FB71	5/34	A	1	1 unit	022
5WG1 254-2AB13	6/27	A	1	1 unit	022
5WG1 254-2AB23	6/27	B	1	1 unit	022
5WG1 254-2AB43	6/27	B	1	1 unit	022
5WG1 254-2EB11	6/27	A	1	1 unit	022
5WG1 254-2EB21	6/27	B	1	1 unit	022
5WG1 254-2EB41	6/27	B	1	1 unit	022
5WG1 254-2FB11	6/27	A	1	1 unit	022
5WG1 254-2FB21	6/27	B	1	1 unit	022
5WG1 254-2FB41	6/27	B	1	1 unit	022
5WG1 255-2AB11	5/32	A	1	1 unit	022
5WG1 255-2AB12	5/32	A	1	1 unit	022
5WG1 255-2AB21	5/32	B	1	1 unit	022
5WG1 255-2AB22	5/32	B	1	1 unit	022
5WG1 255-2AB71	5/32	A	1	1 unit	022
5WG1 255-2AB72	5/32	A	1	1 unit	022
5WG1 257-2AB13	6/26	B	1	1 unit	022
5WG1 257-2AB14	6/26	B	1	1 unit	022
5WG1 257-2AB41	6/26	B	1	1 unit	022
5WG1 257-2AB42	6/26	B	1	1 unit	022
5WG1 258-2HB11	1/35	A	1	1 unit	022
5WG1 258-2HB12	1/35	B	1	1 unit	022
5WG1 258-2HB21	1/35	C	1	1 unit	022
5WG1 258-2HB22	1/35	C	1	1 unit	022
5WG1 258-2HB31	1/35	B	1	1 unit	022
5WG1 258-2HB32	1/35	B	1	1 unit	022
5WG1 272-2AB11	5/34, 6/28	A	1	1 unit	022
5WG1 272-2AB21	5/34	C	1	1 unit	022
5WG1 272-2AB71	5/34	B	1	1 unit	022
5WG1 285-2AB11	6/24	A	1	1 unit	022
5WG1 285-2AB21	6/24	C	1	1 unit	022
5WG1 285-2AB41	6/24	B	1	1 unit	022
5WG1 285-2EB11	6/25	C	1	1 unit	022
5WG1 285-2EB21	6/25	C	1	1 unit	022
5WG1 285-2EB41	6/25	B	1	1 unit	022
5WG1 286-2AB11	6/24	A	1	1 unit	022
5WG1 286-2AB21	6/24	B	1	1 unit	022
5WG1 286-2AB41	6/24	B	1	1 unit	022
5WG1 286-2EB11	6/25	B	1	1 unit	022
5WG1 286-2EB21	6/25	C	1	1 unit	022
5WG1 286-2EB41	6/25	B	1	1 unit	022
5WG1 287-2AB11	6/24	A	1	1 unit	022
5WG1 287-2AB21	6/24	B	1	1 unit	022
5WG1 287-2AB41	6/24	B	1	1 unit	022
5WG1 287-2EB11	6/25	X	1	1 unit	022
5WG1 287-2EB21	6/25	C	1	1 unit	022
5WG1 287-2EB41	6/25	X	1	1 unit	022
5WG1 294-8AB01	18/3	B	1	10 units	030
5WG1 527-1AB41	10/18	B	1	1 unit	030
5WG1 527-1AB51	10/18	B	1	1 unit	030
5WG1 528-1AB41	10/18	B	1	1 unit	030
5WG1 584-2AB21	6/26	B	1	1 unit	022
5WG1 584-2AB41	6/26	B	1	1 unit	022
5WG1 585-2AB11	5/32, 6/26	A	1	1 unit	022
5WG1 585-2AB21	5/32	C	1	1 unit	022
5WG1 585-2AB71	5/32	B	1	1 unit	022
5WG1 587-2AB01	1/35	B	1	1 unit	022
5WG1 587-2AB02	1/35	B	1	1 unit	022
5WG1 587-2AB11	1/35	A	1	1 unit	022
5WG1 587-2AB12	1/35	A	1	1 unit	022
5WG1 587-2AB21	1/35	B	1	1 unit	022
5WG1 587-2AB22	1/35	B	1	1 unit	022
5WG1 587-2AB31	1/35	A	1	1 unit	022
5WG1 587-2AB32	1/35	A	1	1 unit	022

Order No.	Page	DT	PU (UNIT, SET, M)	PS*/ P. unit	PG
5WG3					
5WG3 110-2AB01	5/29, 5/30, 6/24, 16/5	A	1	1 unit	030
5WG3 110-2AB11	5/29, 5/30, 6/24, 16/5	B	1	1 unit	030
5WG3 140-2AB11	5/33	A	1	1 unit	022
5WG3 140-2AB21	5/33	C	1	1 unit	022
5WG3 140-2AB71	5/33	B	1	1 unit	022
5WG3 140-2GB11	6/28	A	1	1 unit	022
5WG3 140-2GB41	6/28	B	1	1 unit	022
5WG3 140-2HB11	1/34	A	1	1 unit	022
5WG3 140-2HB21	1/34	C	1	1 unit	022
5WG3 140-2HB31	1/34	B	1	1 unit	022
5WG3 141-2AB01	16/5	A	1	1 unit	030
5WG3 210-2AB11	5/23, 5/24	A	1	1 unit	022
5WG3 210-2AB21	5/23, 5/24	C	1	1 unit	022
5WG3 210-2AB71	5/23, 5/24	B	1	1 unit	022
5WG3 210-2GB11	6/20	A	1	1 unit	022
5WG3 210-2GB21	6/20	C	1	1 unit	022
5WG3 210-2GB41	6/20	B	1	1 unit	022
5WG3 210-2HB11	1/27, 1/28	A	1	1 unit	022
5WG3 210-2HB21	1/27, 1/28	C	1	1 unit	022
5WG3 210-2HB31	1/27, 1/28	B	1	1 unit	022
5WG3 211-2AB11	5/19	A	1	1 unit	022
5WG3 211-2AB21	5/19	C	1	1 unit	022
5WG3 211-2AB71	5/19	B	1	1 unit	022
5WG3 211-2GB11	6/17	A	1	1 unit	022
5WG3 211-2GB21	6/17	C	1	1 unit	022
5WG3 211-2GB41	6/17	B	1	1 unit	022
5WG3 211-2HB11	1/23	A	1	1 unit	022
5WG3 211-2HB21	1/23	C	1	1 unit	022
5WG3 211-2HB31	1/23	B	1	1 unit	022
5WG3 255-8AB01	17/4	A	1	1 unit	030
5WG3 260-3AB11	16/8	A	1	1 unit	030
5WG3 260-3AB81	16/8	B	1	1 unit	030
5WG3 261-3AB11	16/8	A	1	1 unit	030
5WG3 425-7AB21	16/8	B	1	1 unit	030
5WG3 425-7AB71	16/8	B	1	1 unit	030
5WG3 520-4AB01	16/8	A	1	1 unit	030
5WG3 560-2AB01	5/29, 5/30, 6/24, 16/6	A	1	1 unit	030
5WG3 561-4AB01	16/8	A	1	1 unit	030
5WG3 561-4AB11	16/8	A	1	1 unit	030
5WG3 564-7AB11	16/8	A	1	1 unit	030

* You can order this quantity or a multiple thereof.

© Siemens AG 2011

Overview

By using this catalog you can acquire hardware and software products described therein from Siemens AG subject to the following terms. Please note! The scope, the quality and the conditions for supplies and services, including software products, by any Siemens entity/regional having a registered office outside of Germany, shall be subject exclusively to the General Terms and Conditions of the respective Siemens entity. The following terms apply exclusively for orders placed with Siemens AG.

For customers with a seat or registered office in Germany

The General Terms of Payment as well as the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry shall apply.

For software products, the General License Conditions for Software Products for Automation and Drives for Customers with a Seat or Registered Office in Germany shall apply.

For customers with a seat or registered office outside of Germany

The General Terms of Payment as well as the General Conditions for Supplies of Siemens Automation and Drives for Customers with a Seat or registered Office outside of Germany shall apply.

For software products, the General License Conditions for Software Products for Automation and Drives for Customers with a Seat or registered Office outside of Germany shall apply.

General

All dimensions are in mm. In Germany, according to the German law on units in measuring technology, data in inches only apply to devices for export.

Illustrations are not binding.

Insofar as there are no remarks on the corresponding pages, - especially with regard to data, dimensions and weights given - these are subject to change without prior notice.

The prices are in € (Euro) ex works, excluding packaging.

The sales tax (value added tax) is not included in the prices. It shall be debited separately at the respective rate according to the applicable legal regulations.

Prices are subject to change without prior notice. We will debit the prices valid at the time of delivery.

Surcharges are added to the price of products that contain silver, copper, aluminum, lead and/or gold if the respective basic official prices for these metals are exceeded. These surcharges will be determined based on the official price and the metal factor of the respective product.

The surcharge will be calculated on the basis of the official price on the day prior to receipt of the order or prior to the release order.
The metal factor determines the official price as of which the metal surcharges are charged and the calculation method used. The metal factor, provided it is relevant, is included with the price information of the respective products.

An exact explanation of the metal factor and the text of the Comprehensive Terms and Conditions of Sale and Delivery are available free of charge from your local Siemens business office under the following Order Nos.:

- 6ZB5310-0KR30-0BA1
  (for customers based in Germany)
- 6ZB5310-0KS53-0BA1
  (for customers based outside Germany)

or download them from the Internet:
www.siemens.com/industrymall
(Germany: Industry Mall Online Help System)

Export regulations

Our obligation to fulfill this agreement is subject to the proviso that the fulfillment is not prevented by any impediments arising out of national and international foreign trade and customs requirements or any embargos and/or other sanctions.

If you transfer goods (hardware and/ or software and/ or technology as well as corresponding documentation, regardless of the mode of provision) delivered by us or works and services (including all kinds of technical support) performed by us to a third party worldwide, you shall comply with all applicable national and international (re-) export control regulations.

If required to conduct export control checks, you, upon request by us, shall promptly provide us with all information pertaining to particular end customer, destination and intended use of goods, works and services provided by us, as well as any export control restrictions existing.

The products listed in this catalog / price list may be subject to European / German and/or US export regulations.

Therefore, any export requiring a license is subject to approval by the competent authorities.

According to current provisions, the following export regulations must be observed with respect to the products featured in this catalog / price list:

AL	Number of the German Export List Products marked other than "N" require an export license. In the case of software products, the export designations of the relevant data medium must also be generally adhered to. Goods labeled with an "AL" not equal to "N" are subject to a European or German export authorization when being exported out of the EU.
ECCN	Export Control Classification Number Products marked other than "N" are subject to a re-export license to specific countries. In the case of software products, the export designations of the relevant data medium must also be generally adhered to. Goods labeled with "ECCN" not equal to "N" are subject to a US re-export authorization.

Even without a label or with an "AL: N" or "ECCN: N", authorization may be required due to the final destination and purpose for which the goods are to be used.

The deciding factors are the AL or ECCN export authorization indicated on order confirmations, delivery notes and invoices.

Errors excepted and subject to change without prior notice.

© Siemens AG 2011

Appendix

Notes

© Siemens AG 2011

Catalogs

Industry Automation, Drive Technologies and Low Voltage Distribution

Further information can be obtained from our branch offices listed in the appendix or at www.siemens.com/automation/partner

	Catalog
Interactive Catalog on DVD	
for Industry Automation, Drive Technologies and Low Voltage Distribution	**CA 01**
Drive Systems	
Variable-Speed Drives	
SINAMICS G110, SINAMICS G120 Standard Inverters SINAMICS G110D, SINAMICS G120D Distributed Inverters	D 11.1
SINAMICS G130 Drive Converter Chassis Units SINAMICS G150 Drive Converter Cabinet Units	D 11
SINAMICS GM150, SINAMICS SM150 Medium-Voltage Converters	D 12
SINAMICS S120 Chassis Format Units and Cabinet Modules SINAMICS S150 Converter Cabinet Units	D 21.3
SINAMICS DCM Converter Units	D 23.1
Three-phase Induction Motors • H-compact • H-compact PLUS	D 84.1
Asynchronous Motors Standardline	D 86.1
Synchronous Motors with Permanent-Magnet Technology, HT-direct	D 86.2
DC Motors	DA 12
SIMOREG DC MASTER 6RA70 Digital Chassis Converters	DA 21.1
SIMOREG K 6RA22 Analog Chassis Converters	DA 21.2
PDF: *SIMOREG DC MASTER 6RM70 Digital Converter Cabinet Units*	*DA 22*
SIMOVERT PM Modular Converter Systems	DA 45
SIEMOSYN Motors	DA 48
MICROMASTER 420/430/440 Inverters	DA 51.2
MICROMASTER 411/COMBIMASTER 411	DA 51.3
SIMOVERT MASTERDRIVES Vector Control	DA 65.10
SIMOVERT MASTERDRIVES Motion Control	DA 65.11
Synchronous and asynchronous servomotors for SIMOVERT MASTERDRIVES	DA 65.3
SIMODRIVE 611 universal and POSMO	DA 65.4
SIMOTION, SINAMICS S120 and Motors for Production Machines	PM 21
SINAMICS S110 The Basic Positioning Drive	PM 22
Low-Voltage Three-Phase-Motors	
IEC Squirrel-Cage Motors	D 81.1
MOTOX Geared Motors	D 87.1
Automation Systems for Machine Tools SIMODRIVE • Motors • Converter Systems SIMODRIVE 611/POSMO	NC 60
Automation Systems for Machine Tools SINAMICS • Motors • Drive System SINAMICS S120	NC 61
Drive and Control Components for Hoisting Equipment	HE 1
Mechanical Driving Machines	
Flender Standard Couplings	MD 10.1
Industrial Controls	
SIRIUS Industrial Controls	IC 10

	Catalog
Low-Voltage Power Distribution and Electrical Installation Technology	
Protection, Switching, Measuring & Monitoring Devices	LV 10.1
Switchboards and Distribution Systems	LV 10.2
GAMMA Building Management Systems	ET G1
PDF: *DELTA Switches and Socket Outlets*	*ET D1*
SICUBE System Cubicles and Cubicle Air-Conditioning	LV 50
SIVACON 8PS Busbar Trunking Systems	LV 70
Motion Control	
SINUMERIK & SIMODRIVE Automation Systems for Machine Tools	NC 60
SINUMERIK & SINAMICS Equipment for Machine Tools	NC 61
SIMOTION, SINAMICS S120 and Motors for Production Machines	PM 21
SINAMICS S110 The Basic Positioning Drive	PM 22
Power Supply and System Cabling	
Power supply SITOP	KT 10.1
System cabling SIMATIC TOP connect	KT 10.2
Process Instrumentation and Analytics	
Field Instruments for Process Automation	FI 01
SIREC Recorders and Accessories	MP 20
SIPART, Controllers and Software	MP 31
Products for Weighing Technology	WT 10
Process Analytical Instruments	PA 01
PDF: *Process Analytics, Components for the System Integration*	*PA 11*
Safety Integrated	
Safety Technology for Factory Automation	SI 10
SIMATIC HMI/PC-based Automation	
Human Machine Interface Systems/ PC-based Automation	ST 80/ ST PC
SIMATIC Industrial Automation Systems	
Products for Totally Integrated Automation and Micro Automation	ST 70
SIMATIC PCS 7 Process Control System	ST PCS 7
Add-ons for the SIMATIC PCS 7 Process Control System	ST PCS 7.1
PDF: *Migration solutions with the SIMATIC PCS 7 Process Control System*	*ST PCS 7.2*
SIMATIC NET	
Industrial Communication	IK PI
SIMATIC Sensors	
Sensor Technology for Factory Automation	FS 10
Industrial Identification Systems	ID 10
System Solutions	
Applications and Products for Industry are part of the interactive catalog CA 01	

PDF: *These catalogs are only available as pdf files.*

Download-Center

PDF versions of the catalogs are available on the Internet at:
www.siemens.com/buildingtechnologies/infocenter

© Siemens AG 2011

Siemens AG
Industry Sector
Building Technologies Division
Low Voltage Distribution
Postfach 10 09 53
93009 REGENSBURG
GERMANY

Subject to change without prior notice
PDF only: (E86060-K8240-A101-B4-7600)
3P.8303.51.07
KG 0211 416 En
© Siemens AG 2011

The information provided in this catalog contains descriptions or characteristics of performance which in case of actual use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract. Availability and technical specifications are subject to change without notice.
All product designations may be trademarks or product names of Siemens AG or supplier companies whose use by third parties for their own purposes could violate the rights of the owners.

www.siemens.com/lowvoltage