

**SIEMENS**



**DELTA**

# Switches and Socket Outlets

Catalog  
ET D1

Version  
2021

[siemens.com/delta](https://www.siemens.com/delta)

## Related catalogs

### Low-Voltage Power Distribution and Electrical Installation Technology

LV 10

SENTRON • SIVACON • ALPHA

Protection, Switching, Measuring and Monitoring Devices, Switchboards and Distribution Systems

PDF (E86060-K8280-A101-B1)  
Print (E86060-K8280-A101-A10)



### GAMMA

Building Control GAMMA instabus

ET G1

PDF (E10003-A38-H316)



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# Switches and Socket Outlets

## DELTA



### Catalog ET D1 · 2021

Supersedes:  
Catalog ET D1 · 2018/2019

Refer to the Industry Mall for current updates  
of this catalog:  
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The products and systems listed in this catalog are developed and manufactured using a certified quality management system in accordance with EN ISO 9001:2008.

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# Still have questions? Get all the information you need – with just one click

Always here for you: our comprehensive support

			
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We support you from the planning stages to commissioning to operation.

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## Introduction



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## Introduction

### New products

#### Motion detector



A new flush-mounted motion detector is now available in titanium white (similar to RAL 9010) for the DELTA i-system and with adapter frame for DELTA style.

#### Thermostat



The complete range of Siemens thermostats offers a unique solution for every situation. Whether it is a basic installation, such as with underfloor heating, or controlled by weekly programming. These thermostats have been designed for the Line, Miro and Style series.

#### Profi-Box



Advantages of the Profi-Box:

- The best solution for easy storage and transport
- Optimised for the construction site
- Minimal packaging materials, generating less waste
- The box is also suitable for recycling

Portable technology is invading our surroundings, creating new needs that were not present before.

New connectivity needs are met using the different finishes and elegant designs of Delta product ranges.

#### Advantages:

- Neater: the cables remain inside the wall. No more long connecting cables on the floor.
- More functionality: easily connect your laptop to the LCD TV, your MP3 player to the sound system or your tablet to the Home Cinema equipment.
- Enhanced experiences:
  - Offer your hotel customers the possibility to easily charge their smartphones and portable devices with the USB charger laptop to the LCDscreen to see their favorite movie in their own hotel room.
  - Make it easier to connect the personal equipment in meeting rooms or conference rooms.
- Suitable for all Delta designs.

**HDMI Type A standard or high speed supported**  
5TG2020-0 white / 5TG2020-1 grey



The HDMI adapter enables the transmission of high-resolution digital audio and video, e.g. from a DVD / Blue-Ray player to an LED TV screen.

**USB socket Type A, USB 2.0-compatible**  
5TG2022-0 white / 5TG2022-1 grey



The USB adapter enables data interconnection of various devices with USB connectors such as printers, USB sticks, digital cameras, laptops or LED TV screens.

**Full HD-compatible (1920 x 1080 pixel) and suitable for the connection of 15-core VGA cables**  
5TG2021-0 white / 5TG2021-1 grey



The VGA adapter enables the transmission of analogue video data between PCs or laptops and display units such as monitors.

**Up to 4mm<sup>2</sup> cables in the front and 6mm<sup>2</sup> cables in the rear**  
5TG2467-2 / 5TG2468-2



The loudspeaker adapter enables the transmission of analogue audio signals between loudspeakers and audio sources such as HIFIs, TV screens or Home cinemas.

All multimedia adapters have screw terminal connections to connect the cabling inside the wall.

**DELTA SCHUKO® socket outlet with double USB charger**



The new DELTA SCHUKO® socket outlet with double USB charger is suitable for portable electronic devices connected via USB 2.0 type A plugs. As a standard size, the insert can be easily installed in standard European flush-mounted sockets. In this way you can charge two USB devices such as tablets, smartphones or MP3 players simultaneously and connect an electrical appliance with a SCHUKO plug in the same socket.

## Introduction

### 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 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.







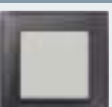
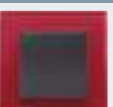
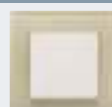


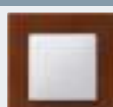



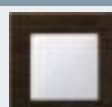














#### **Environmentally-friendly development and design of DELTA products**

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.

i-system components	<b>DELTA line</b>				
					
	Titanium white	Electrical white	Aluminum metallic	Carbon metallic	
	<b>DELTA miro Glas</b>				
					
	Crystal green/ aluminum metallic	White/ titanium white	Black/ aluminum metallic	Orient/ carbon metallic	Arena/ electrical white
	<b>DELTA miro Aluminium</b>				
					
	Natural/aluminum metallic	Yellow oxide/electrical white			
	<b>DELTA miro Wood</b>				
					
	Maple red/ aluminum metallic	Maple/ titanium white	Beech <sup>1)</sup> / carbon metallic	Cherry <sup>1)</sup> / aluminum metallic	Wenge <sup>1)</sup> / aluminum metallic
	<b>DELTA miro Color</b>				
					
Titanium white	Aluminum metallic	Carbon metallic	Electrical white		
<b>DELTA profil</b>					
					
Titanium white	Silver				
<b>DELTA style</b>					
					
Titanium white	Platinum metallic				
<b>m-system</b>					
					
Titanium white	Aluminum metallic	Carbon metallic	Platinum metallic		
<b>Surface-Mounting Product</b>					
					
DELTA fläche IP44	DELTA fläche IP68				

<sup>1)</sup> Color achieved through staining

## Introduction

### DELTA product ranges

# Gamma instabus – suitable for all DELTA frames

Increased safety and comfort with maximum efficiency – this is facilitated with the GAMMA building and room automation on the basis of the global KNX standard – realizable with all DELTA programs.

#### DELTA miro Aluminium

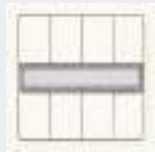


Natural/aluminum metallic



Yellow oxide/titanium white

#### DELTA style



Titanium white



Platinum metallic

#### DELTA line



Titanium white



Aluminium metallic

#### DELTA miro Wood



Maple red



Beech

#### DELTA miro Glass



Crystal green/  
aluminum metallic



White/  
titanium white



Black/  
aluminum metallic



Orient/  
titanium white



Arena/  
electrical white

#### DELTA miro Color



Titanium white

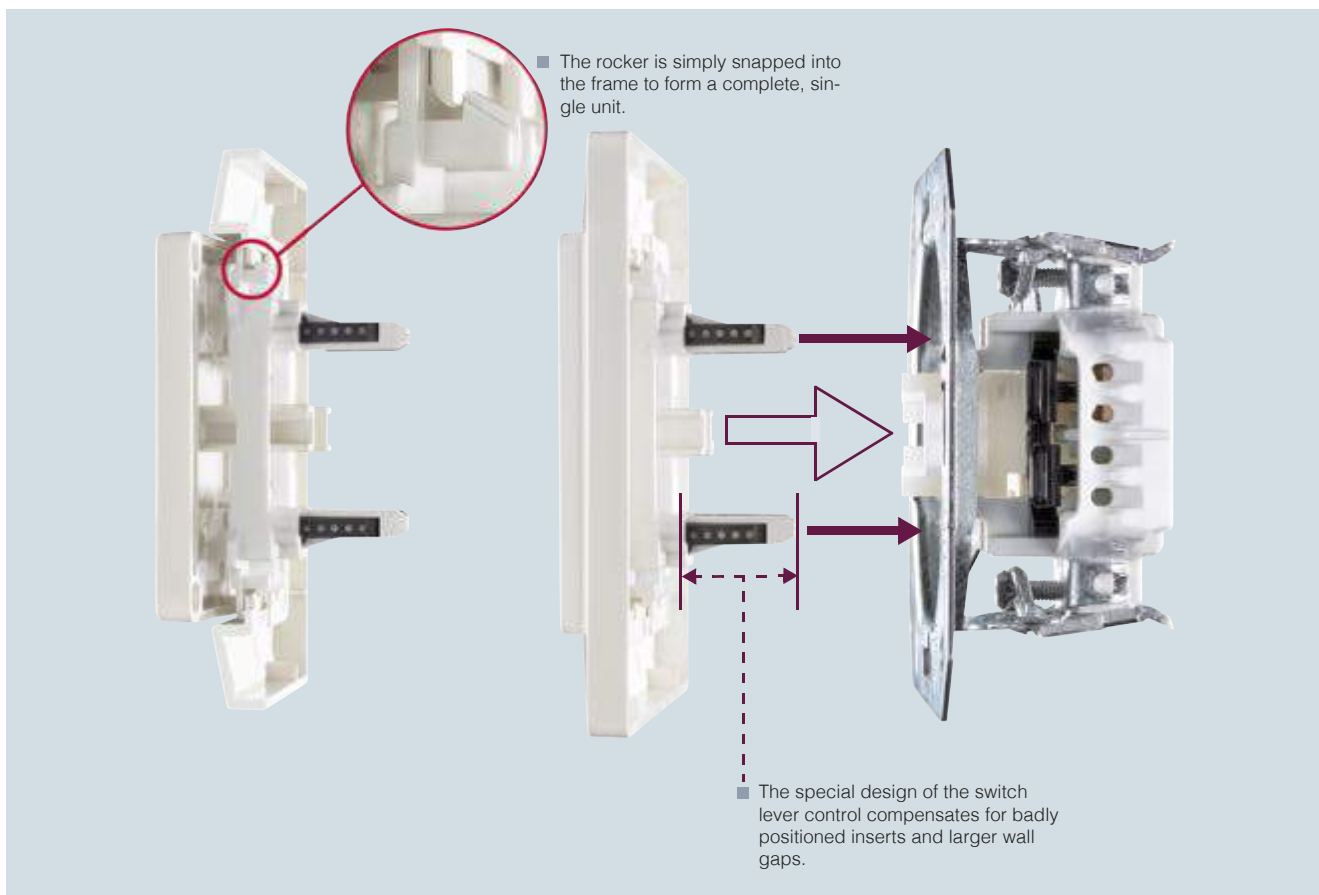


Aluminum metallic

## 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.

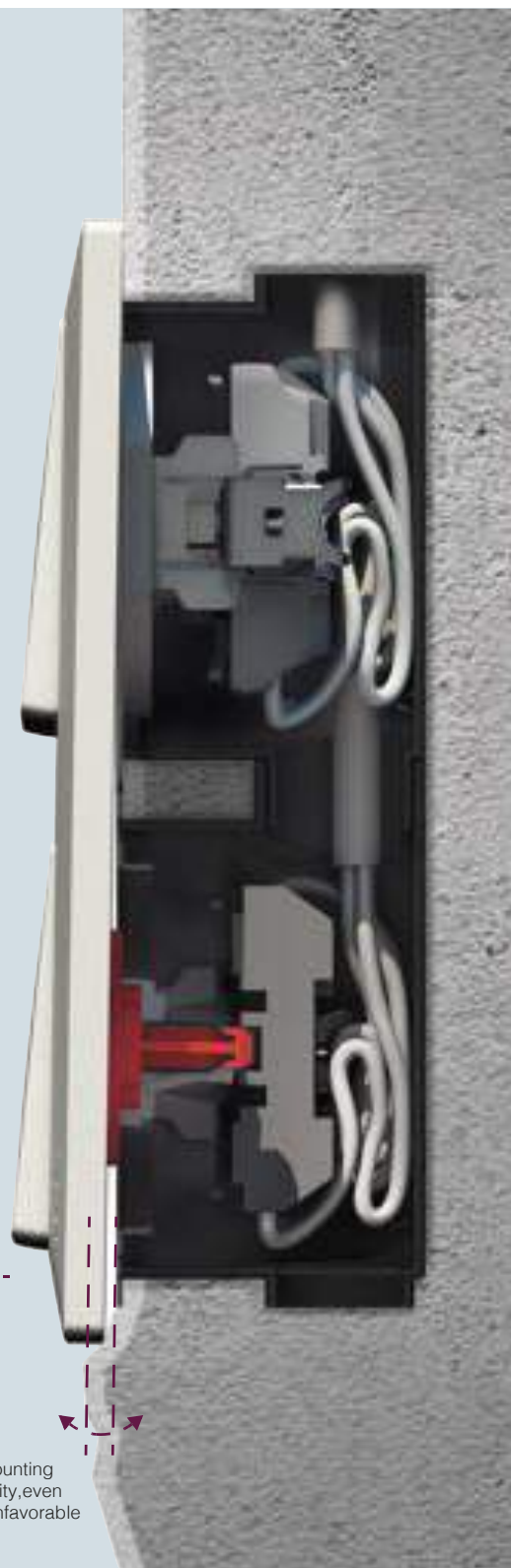
**Unique, well-designed, proven plug-in system**

# Introduction

Simple and safe to install – even under difficult conditions



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



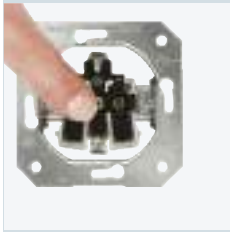


What do you expect of an insert? It goes without saying that you want inserts that are easy to mount. Our inserts are mounted securely on the wall in no time at all. They offer

maximum convenience: the design of the insert base is ultra compact, which provides more space for connections.



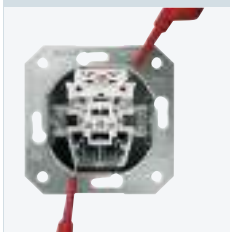
- As anyone who mounts inserts knows: it's often difficult to free cables from their terminals. But not with Siemens: our accessible and ergonomically designed release lever makes it easy to release cables safely without risk of injury.



- 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.

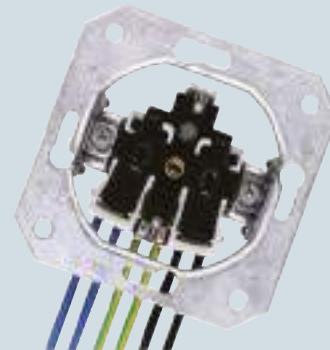


- Connecting conductors is quick and easy – just plug the solid conductors with a 1.5 mm<sup>2</sup> or 2.5 mm<sup>2</sup> cross section in the funnel shaped cable entries of the connecting terminals. Thanks to the uniform length of the insulation to be stripped on both switches and socket outlets there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



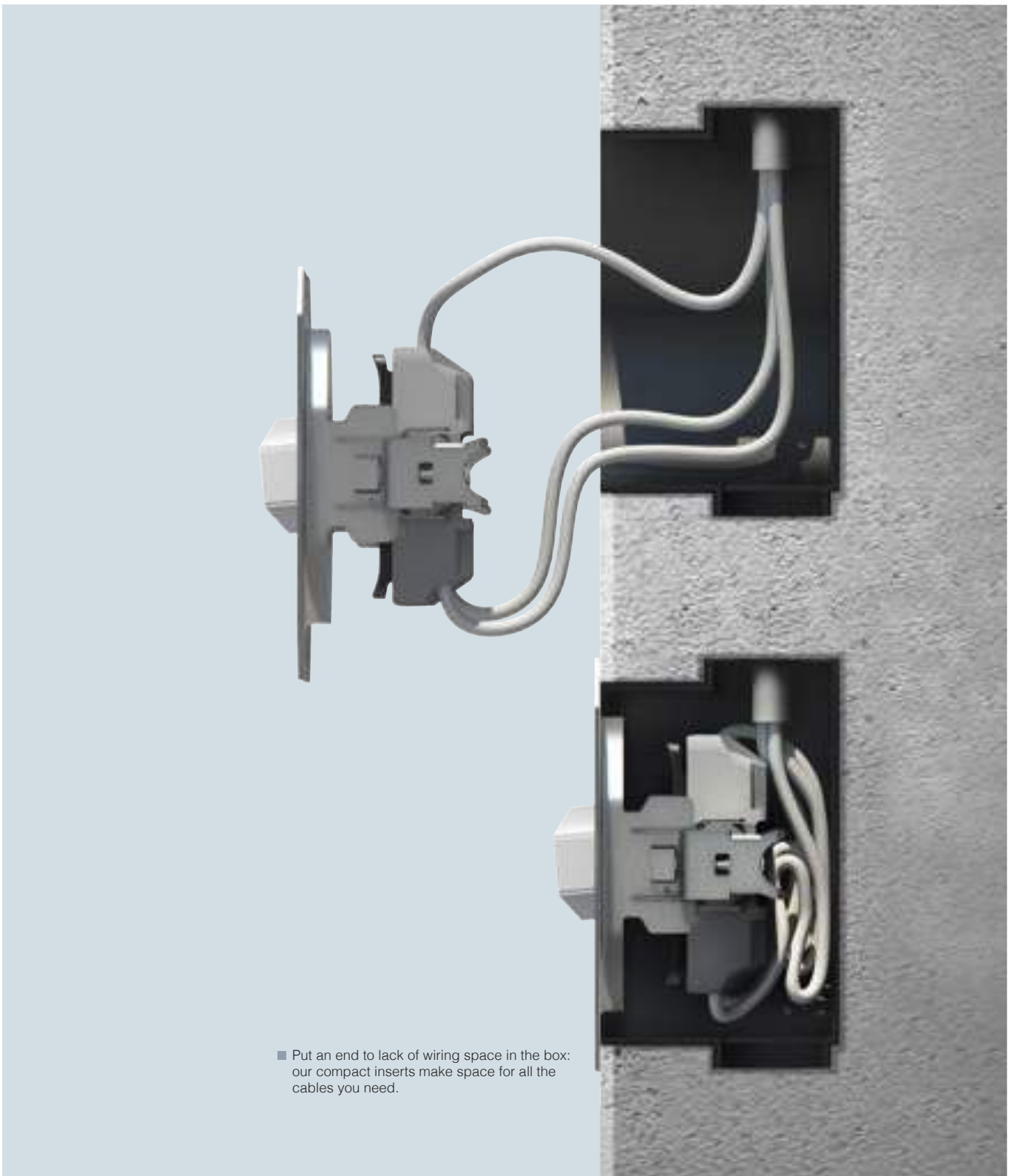
- The cables are easily accessible for Duplo measurements, even when the glow lamps are plugged in.

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



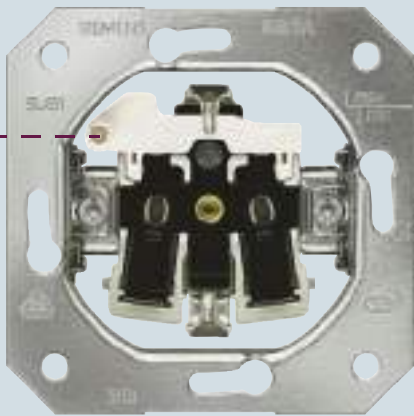
## Introduction

### Compact inserts



## 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



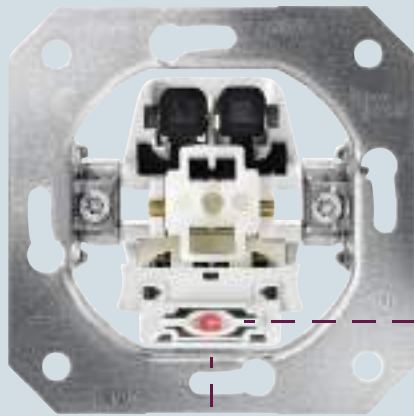
Overvoltage protection modules



Mounted overvoltage protection module

## Introduction

### Retrofitting and replacement made easy



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

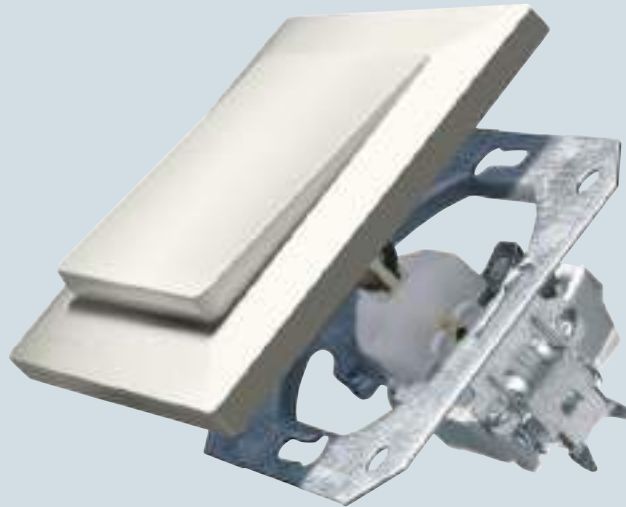
- A standard 40 mm device box suffices for SCHUKO® socket outlets with overvoltage protection. And because the double terminal is still free after the module is mounted, no additional terminals are required for the through-wiring.



## 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.

## Introduction

### Degree of protection IP44

With the DELTA i-system (DELTA line, 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 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 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.

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



- Our new combination screws for Torx and slotted screw drivers 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.

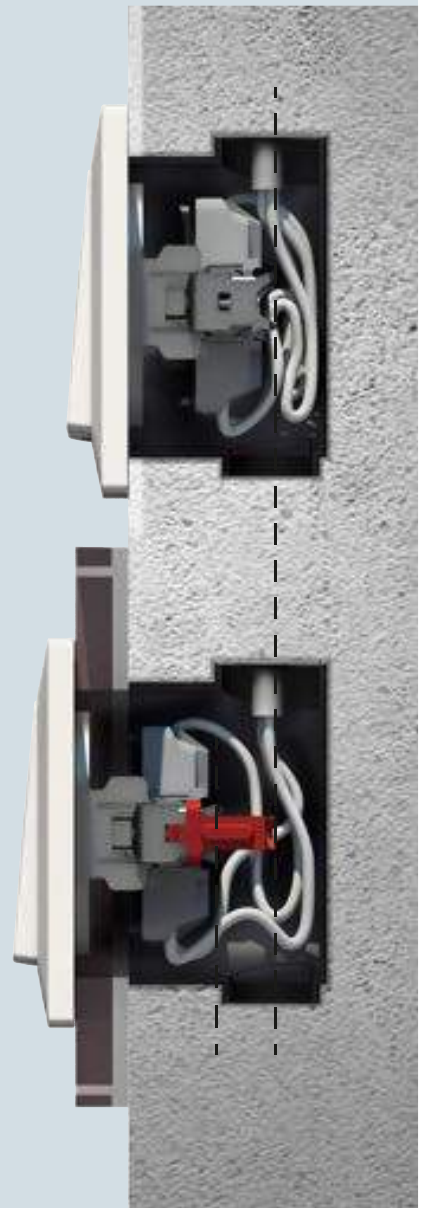


- You can instantly see how the insert is connected: the circuit diagram and item number on the back of the base with topographical wiring diagram preclude mounting errors due to incorrect connection.



- 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.





## Introduction

### 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.

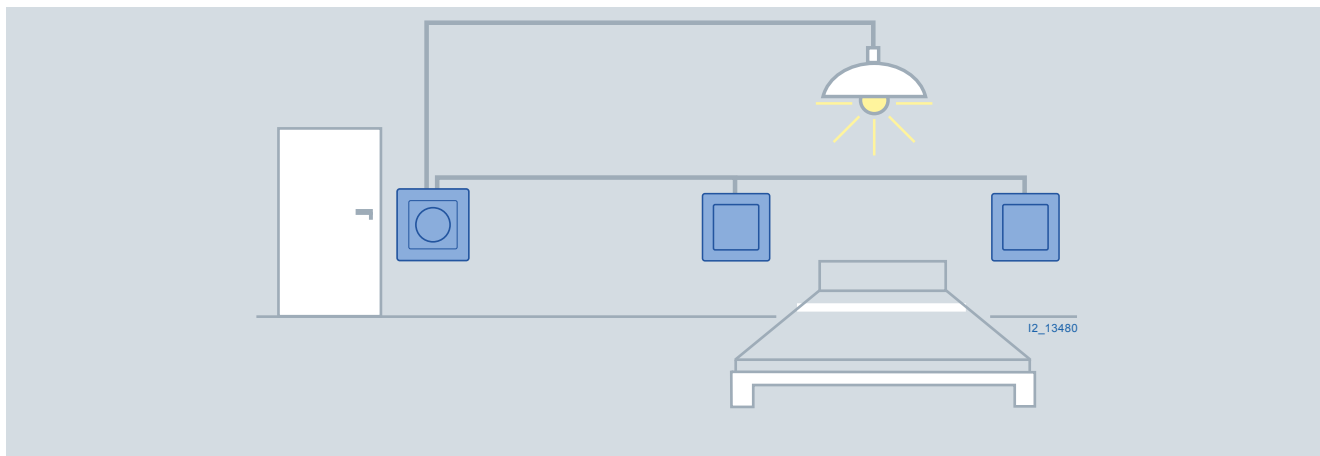
#### Dimmer for LED lamps

The new dimmer inserts offer the possibility to regulate modern lamp types of different loads without undesired side effects.

The rotary or touch dimmers are suitable for adjusting the amount of light as required for energy-saving high-voltage halogen lamps, dimmable LED retrofit lamps, 12 to 48 V/DC monochrome LED strips and fluorescent lamps.

The new rotary dimmer has been specially optimised for regulating high-voltage LED lamps. Rotary dimmers are compatible with all other products in the DELTA range and are available in a wide selection of materials, colours and shapes.

Due to their small installation depth of only 12 mm, the new DELTA push-button dimmers can be installed behind any DELTA push-button in the same flush-mounted or distribution box. Up to three illuminated pushbuttons and an unlimited number of non-illuminated pushbuttons can be operated via the dimmer. A memory function can be switched on and off by means of a selector switch, which can be used to store a desired dimming value.



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



Dimmer by pushbutton



## DELTA room temperature controllers

Our room thermostats bring more comfort and cosiness into your home - naturally in the matching design of your DELTA range.

**Room thermostat, opener/changeover contact**

- For electric and hot water convectors, pump and boiler control
- To control the heating or cooling

**Room temperature controller, direct floor heating**

- For the control of floor storage heating systems and electric floor heating systems with heating mats
- The basic type of controller consists of two parts: control unit (to set the desired floor temperature) and remote sensor (in the floor to monitor the set temperature)

**Programmable thermostat**

- Rounds off the product range



Room temperature controller, normally closed/changeover contact **NEW**



Room temperature controller, Floor heating **NEW**



Programmable thermostat **NEW**

## 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.

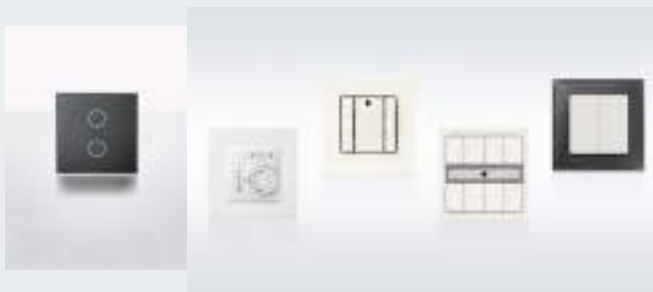
## Introduction

### GAMMA building control

# Intelligent and integrated building and room automation



#### Comfortable operation



- Straightforward and intuitive operation of all disciplines in a room
- Pushbuttons and room temperature controls, harmoniously coordinated with the room's electrical installation, available in a broad range of designs and colors
- Can be combined with various frame designs in different colors, shapes and materials (like plastics, glass and aluminum)
- Modular installation solutions for regional, country-specific standards: CEE/VDE, UL, British Standard, modular 503 technology

#### Central room and building functions



- Central display and operation device with additional special applications
- Color touch panel as multi-function display/operation unit
- Wide design and color selection

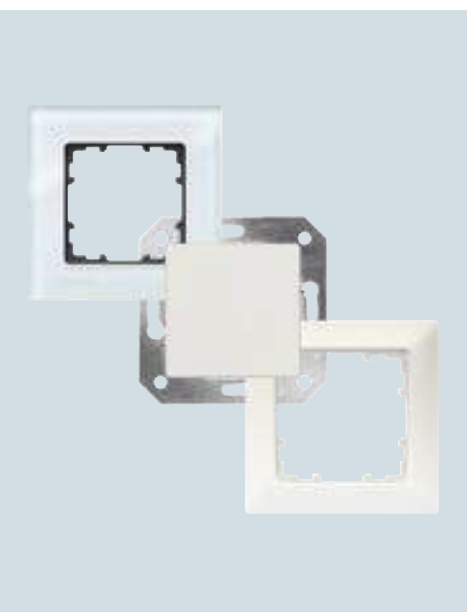
#### Intelligent mobile operation and monitoring



- Web-enabled solutions for the display and operation of all disciplines
- Intuitive user interface with intelligent applications (for example, scenes and effect control)
- Utilization of pre-existing web-compatible devices like smartphones, tablets and notebooks – whether in the building or by remote control

Further information can be found on the website: [www.siemens.com/gamma-td](http://www.siemens.com/gamma-td)

## i-system



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# i-system

2

## Introduction

### Overview

#### Colors and designs of the i-system

Frames in DELTA line design



Titanium white



Electrical white



Aluminum metallic



Carbon metallic

Frames in DELTA miro design



DELTA miro Glass/  
Titanium white



DELTA miro Aluminium/  
Aluminum metallic



DELTA miro Wood/  
Aluminum metallic



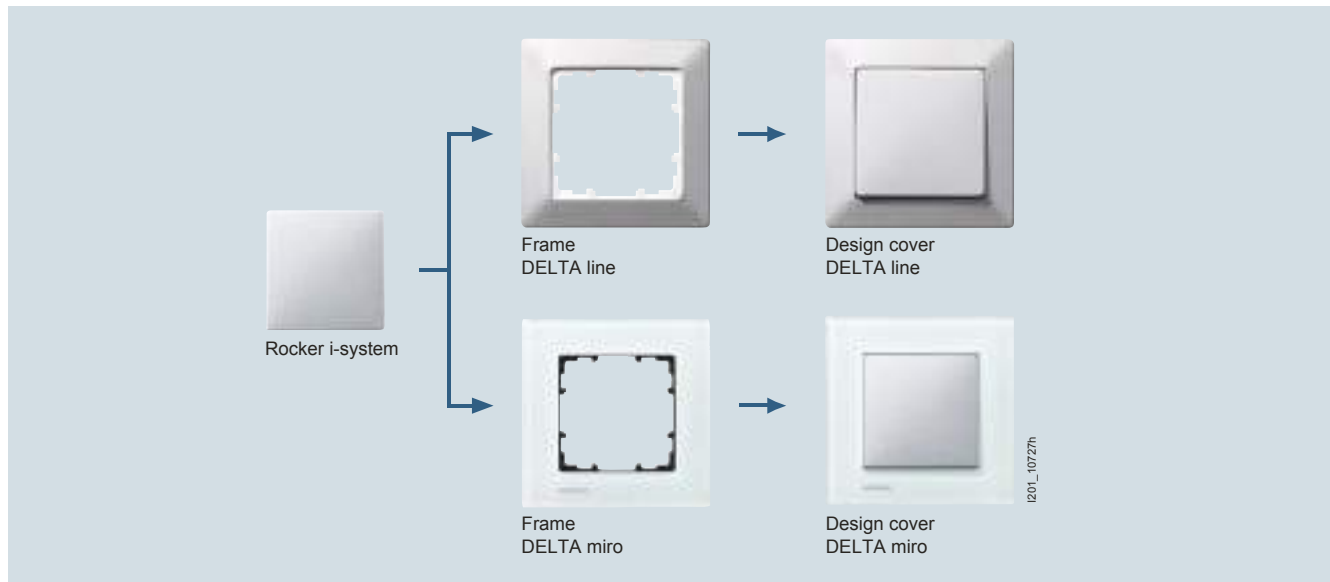
DELTA miro Color/  
Titanium white

Other colors for DELTA miro [can be found from page 4/2](#)

**Using i-system**

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

- Frames from the DELTA line product range.
- Frames from the DELTA miro product range.

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

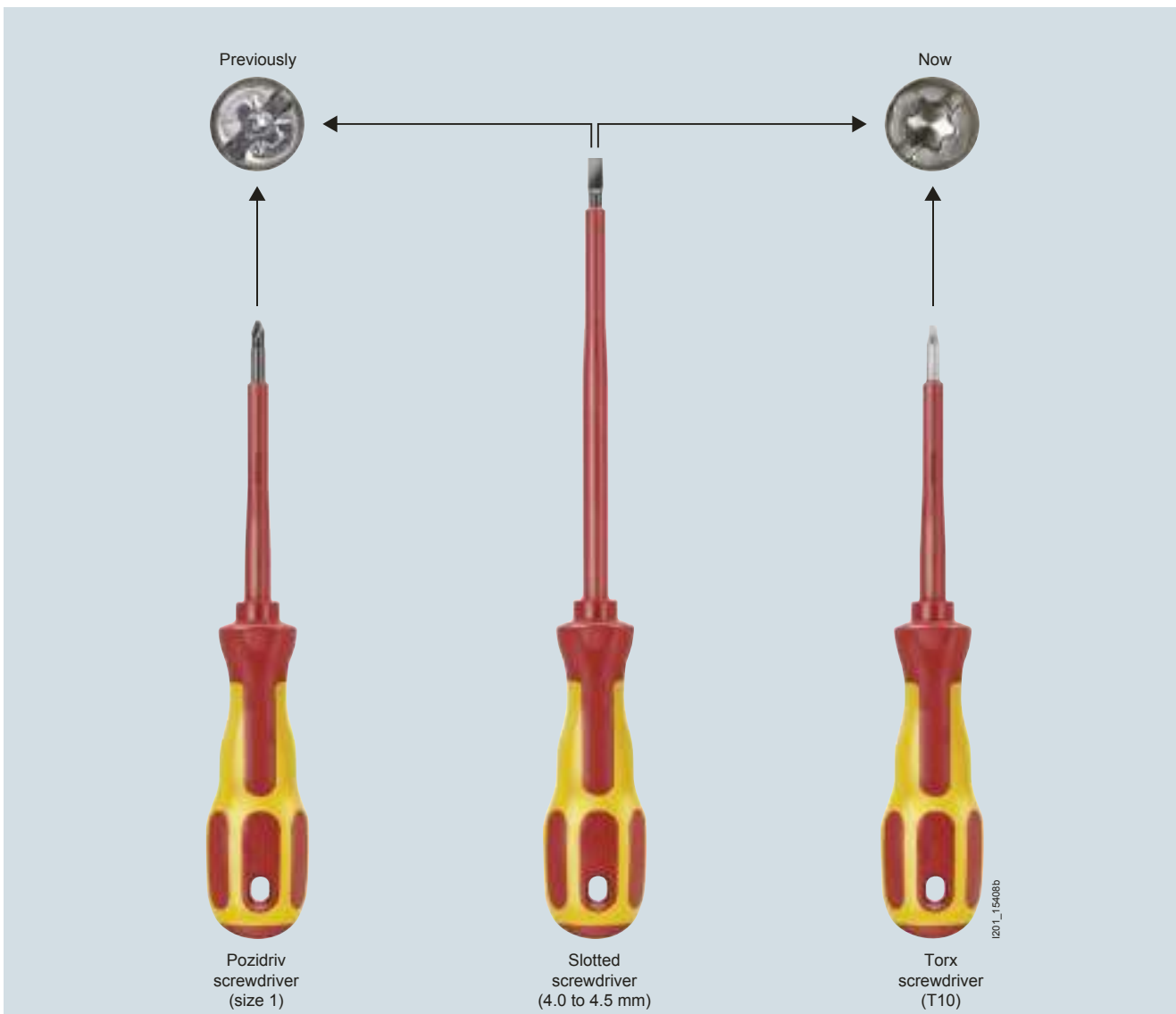
## i-system

2

## Introduction





**Combination screws for Torx T10 and slotted screwdrivers**

All our inserts for switches and pushbuttons, and all SCHUKO® socket outlets from the DELTA product range, are equipped with the new combination screws.







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






## Selection and ordering data

Version	Order No.												
<b>General information</b> <ul style="list-style-type: none"> <li>• Size of rockers: 55 mm x 55 mm</li> <li>• Degree of protection: IP20</li> </ul>													
<b>Note</b> <ul style="list-style-type: none"> <li>• The color aluminum metallic is identical to silver (DELTA profil)</li> </ul>													
<b>Note</b> <ul style="list-style-type: none"> <li>• For extension claws, see ...</li> </ul>	<table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts</i></td> <td>9/14</td> </tr> <tr> <td><i>Design / DELTA line</i></td> <td>3/5</td> </tr> <tr> <td><i>Design / DELTA miro</i></td> <td>3/5</td> </tr> <tr> <td><i>Accessories and spare parts</i></td> <td>2/31</td> </tr> </tbody> </table>	Section	Page	<i>Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts</i>	9/14	<i>Design / DELTA line</i>	3/5	<i>Design / DELTA miro</i>	3/5	<i>Accessories and spare parts</i>	2/31		
Section	Page												
<i>Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts</i>	9/14												
<i>Design / DELTA line</i>	3/5												
<i>Design / DELTA miro</i>	3/5												
<i>Accessories and spare parts</i>	2/31												
<ul style="list-style-type: none"> <li>• All rockers shown here can be combined with the frames of the DELTA line product range, see ...</li> <li>• All rockers shown here can be combined with the frames and color elements of the DELTA miro product range, see ...</li> <li>• Degree of protection IP44 for rockers can be achieved with the IP44 set of seals, for rockers, see ...</li> </ul>													
<b>Rockers, neutral</b>													
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>													
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Section	Page												
<i>Universal switches</i>	<i>Functions / Switching/ Pushbutton Control/Dimming</i> 9/3												
<i>Intermediate switches</i>	<i>dto.</i> 9/4												
<i>ON/OFF switches, 1-pole</i>	<i>dto.</i> 9/4												
<i>Pushbuttons, 1 NO contact</i>	<i>dto.</i> 9/8												
<i>Pushbuttons, 1 CO contact</i>	<i>dto.</i> 9/9												
 5TG6201	<b>5TG6201</b> <b>5TG6271</b> <b>5TG6241</b> <b>5TG6221</b>												
<b>Rockers with "Bell" symbol</b>													
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>													
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Section	Page												
<i>Pushbuttons, 1 NO contact</i>	<i>Functions / Switching/ Pushbutton Control/Dimming</i> 9/8												
<i>Pushbuttons, 1 CO contact</i>	<i>dto.</i> 9/9												
 5TG6207	<b>5TG6207</b> <b>5TG6277</b> <b>5TG6247</b> <b>5TG6227</b>												
<b>Rockers with "Door Opener" symbol</b>													
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>													
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<i>Pushbuttons, 1 NO contact</i>	<i>Functions / Switching/ Pushbutton Control/Dimming</i> 9/8												
<i>Pushbuttons, 1 CO contact</i>	<i>dto.</i> 9/9												
 5TG6208	<b>5TG6208</b> <b>5TG6278</b> <b>5TG6248</b> <b>5TG6228</b>												
<b>Rockers with I/O symbols</b>													
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>													
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Section	Page												
<i>ON/OFF switches, 2-pole, 10 A</i>	<i>Functions / Switching/ Pushbutton Control/Dimming</i> 9/5												
<i>ON/OFF switches, 2-pole, 16 A</i>	<i>dto.</i> 9/5												
<i>ON/OFF switches, 3-pole, 16 A</i>	<i>dto.</i> 9/5												
 5TG6202	<b>5TG6202</b> <b>5TG6272</b> <b>5TG6242</b> <b>5TG6222</b>												
<b>5TA2112</b> <b>5TA2162</b> <b>5TA2153</b>													

## Switches and pushbuttons

	Version	Order No.		
	<b>Rockers with window</b>			
	Versions			
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>		<b>5TG6200</b> <b>5TG6270</b> <b>5TG6240</b> <b>5TG6220</b>	
	Inserts	Section Page		
	• Switches with pilot lamp, for ON/OFF switching	Functions / Switching / Pushbutton Control / Dimming	9/6	<b>5TA2150</b>
	• Switches with pilot lamp, for two-way switching	dto.	9/6	<b>5TA2108</b>
	• Pushbuttons, 1 NO contact, with separate neutral terminal	dto.	9/9	<b>5TD2116</b>
	• Pushbuttons, 1 CO contact, with separate neutral terminal	dto.	9/9	<b>5TD2117</b>
	• Pushbuttons, with separate check-back indication	dto.	9/10	<b>5TD2114</b>
	• Universal switches	dto.	9/3	<b>5TA2156</b>
• Intermediate switches	dto.	9/4	<b>5TA2117</b>	
• ON/OFF switches, 1-pole	dto.	9/4	<b>5TA2151</b>	
• Pushbuttons, 1 NO contact	dto.	9/8	<b>5TD2120</b>	
• Pushbuttons, 1 CO contact	dto.	9/9	<b>5TD2123</b>	
Note	Section Page			
LED light inserts, see ...	Accessories and spare parts	2/31		
	<b>Rockers with "Light" symbol and window</b>			
	Versions			
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>		<b>5TG6206</b> <b>5TG6276</b> <b>5TG6246</b> <b>5TG6226</b>	
	Inserts	Section Page		
	• Universal switches	Functions / Switching / Pushbutton Control / Dimming	9/3	<b>5TA2156</b>
	• Intermediate switches	dto.	9/4	<b>5TA2117</b>
	• ON/OFF switches, 1-pole	dto.	9/4	<b>5TA2151</b>
	• Pushbuttons, 1 NO contact	dto.	9/8	<b>5TD2120</b>
	• Switches with pilot lamp, for ON/OFF switching	dto.	9/6	<b>5TA2150</b>
	• Switches with pilot lamp, for two-way switching	dto.	9/6	<b>5TA2108</b>
• Pushbuttons, 1 NO contact, with separate neutral terminal	dto.	9/9	<b>5TD2116</b>	
• Pushbuttons, 1 CO contact, with separate neutral terminal	dto.	9/9	<b>5TD2117</b>	
• Pushbuttons, with separate check-back indication	dto.	9/10	<b>5TD2114</b>	
Note	Section Page			
LED light inserts, see ...	Accessories and spare parts	2/31		
	<b>Rockers with labeling field</b>			
	Versions			
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>		<b>5TG6210</b> <b>5TG6280</b> <b>5TG6250</b> <b>5TG6230</b>	
	Inserts	Section Page		
	• Pushbuttons, 1 NO contact	Functions / Switching / Pushbutton Control / Dimming	9/8	<b>5TD2120</b>
	• Universal switches	dto.	9/3	<b>5TA2156</b>
	• Intermediate switches	dto.	9/4	<b>5TA2117</b>
	• ON/OFF switches, 1-pole	dto.	9/4	<b>5TA2151</b>
	• Pushbuttons, 1 CO contact	dto.	9/9	<b>5TD2123</b>
	Note	Section Page		
Sheets of pictographs, for single rockers with labeling field (5TG1136) can be ordered separately, see	Accessories and spare parts	2/31	<b>5TG1136</b>	
	<b>Rockers with "Bell" symbol and labeling field</b>			
	Versions			
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>		<b>5TG6215</b> <b>5TG6285</b>	
	Inserts	Section Page		
	• Pushbuttons, 1 NO contact	Functions / Switching / Pushbutton Control / Dimming	9/8	<b>5TD2120</b>
	• Pushbuttons, 1 CO contact	dto.	9/9	<b>5TD2123</b>







Version	Order No.																						
<b>Rockers with labeling field and window</b>																							
 <p>5TG6211</p>																							
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>																							
<b>5TG6211</b> <b>5TG281</b> <b>5TG6251</b> <b>5TG6231</b>																							
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LED light inserts, see ...	2/31																						
 <p>5TG1138</p>																							
<b>Rockers, double, neutral</b>																							
 <p>5TG6205</p>																							
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>																							
<b>5TG6205</b> <b>5TG6275</b> <b>5TG6245</b> <b>5TG6225</b>																							
<b>Inserts</b> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Double two-way switches</td> <td>Functions / Switching/ Pushbutton Control/Dimming 9/7</td> </tr> <tr> <td>• Two-circuit switches</td> <td>dto. 9/7</td> </tr> <tr> <td>• Pushbuttons, double, 1 NO contact, 1 CO contact</td> <td>dto. 9/10</td> </tr> <tr> <td>• Pushbuttons, double, 2 NO contacts</td> <td>dto. 9/10</td> </tr> </tbody> </table>		Section	Page	• Double two-way switches	Functions / Switching/ Pushbutton Control/Dimming 9/7	• Two-circuit switches	dto. 9/7	• Pushbuttons, double, 1 NO contact, 1 CO contact	dto. 9/10	• Pushbuttons, double, 2 NO contacts	dto. 9/10												
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• Pushbuttons, double, 1 NO contact, 1 CO contact	dto. 9/10																						
• Pushbuttons, double, 2 NO contacts	dto. 9/10																						
<b>Rockers, double, with Up/Down symbols</b>																							
 <p>5TG6214</p>																							
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>																							
<b>5TG6214</b> <b>5TG6284</b> <b>5TG6254</b> <b>5TG6234</b>																							
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• Shutter/blind switches, with electrical and mechanical interlock	Functions / Shutter/ blind controls 11/2																						
• DELTA UP 116 bus coupling units, pushbutton position, double	dto. 11/2																						
<b>Rockers, double, with window</b>																							
 <p>5TG6204</p>																							
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>																							
<b>5TG6204</b> <b>5TG6274</b> <b>5TG6244</b> <b>5TG6224</b>																							
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Section	Page																						
• Two-circuit switches	Functions / Switching/ Pushbutton Control/Dimming 9/7																						
• Pushbuttons, double, 2 NO contacts	dto. 9/10																						

## i-system

2

## Switches and pushbuttons

Version	Order No.														
<b>Rockers, double, with labeling field</b>															
															
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>															
<b>5TG6212</b> <b>5TG6212</b> <b>5TG6282</b> <b>5TG6252</b> <b>5TG6232</b>															
<b>Inserts</b> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Double two-way switches</td> <td>Functions / Switching / Pushbutton Control / Dimming dto. 9/7</td> </tr> <tr> <td>• Two-circuit switches</td> <td>9/7</td> </tr> <tr> <td>• Pushbuttons, double, 1 NO contact, 1 CO contact</td> <td>9/10</td> </tr> <tr> <td>• Pushbuttons, double, 2 NO contacts</td> <td>dto. 9/10</td> </tr> <tr> <td>• Shutter/blind switches, with electrical and mechanical interlock</td> <td>Functions / Shutter/blind controls dto. 11/2</td> </tr> <tr> <td>• Shutter/blind pushbuttons, with electrical interlock</td> <td>dto. 11/2</td> </tr> </tbody> </table>		Section	Page	• Double two-way switches	Functions / Switching / Pushbutton Control / Dimming dto. 9/7	• Two-circuit switches	9/7	• Pushbuttons, double, 1 NO contact, 1 CO contact	9/10	• Pushbuttons, double, 2 NO contacts	dto. 9/10	• Shutter/blind switches, with electrical and mechanical interlock	Functions / Shutter/blind controls dto. 11/2	• Shutter/blind pushbuttons, with electrical interlock	dto. 11/2
Section	Page														
• Double two-way switches	Functions / Switching / Pushbutton Control / Dimming dto. 9/7														
• Two-circuit switches	9/7														
• Pushbuttons, double, 1 NO contact, 1 CO contact	9/10														
• Pushbuttons, double, 2 NO contacts	dto. 9/10														
• Shutter/blind switches, with electrical and mechanical interlock	Functions / Shutter/blind controls dto. 11/2														
• Shutter/blind pushbuttons, with electrical interlock	dto. 11/2														
<b>Note</b> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>5TG1137 sheet of pictographs, for double rocker with labeling field must be ordered separately, see ...</td> <td>Accessories and spare parts 2/31</td> </tr> </tbody> </table>		Section	Page	5TG1137 sheet of pictographs, for double rocker with labeling field must be ordered separately, see ...	Accessories and spare parts 2/31										
Section	Page														
5TG1137 sheet of pictographs, for double rocker with labeling field must be ordered separately, see ...	Accessories and spare parts 2/31														
<b>5TA2118</b> <b>5TA2155</b> <b>5TD2115</b> <b>5TD2111</b> <b>5TA2154</b> <b>5TA2114</b> <b>5TG1137</b>															
<b>Rockers, double, with labeling field and window</b>															
															
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>															
<b>5TG6213</b> <b>5TG6213</b> <b>5TG6283</b> <b>5TG6253</b> <b>5TG6233</b>															
<b>Inserts</b> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Two-circuit switches</td> <td>Functions / Switching / Pushbutton Control / Dimming 9/7</td> </tr> </tbody> </table>		Section	Page	• Two-circuit switches	Functions / Switching / Pushbutton Control / Dimming 9/7										
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<b>5TA2155</b> <b>5TG1137</b>															
<b>Rockers with pull actuation</b>															
Cord approx. 2 m															
															
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>															
<b>5TG6217</b> <b>5TG6287</b>															
<b>Inserts</b> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Pushbuttons, 1 NO contact</td> <td>Functions / Switching / Pushbutton Control / Dimming dto. 9/8</td> </tr> <tr> <td>• Pushbuttons, 1 CO contact</td> <td>9/9</td> </tr> </tbody> </table>		Section	Page	• Pushbuttons, 1 NO contact	Functions / Switching / Pushbutton Control / Dimming dto. 9/8	• Pushbuttons, 1 CO contact	9/9								
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• Pushbuttons, 1 NO contact	Functions / Switching / Pushbutton Control / Dimming dto. 9/8														
• Pushbuttons, 1 CO contact	9/9														
<b>5TD2120</b> <b>5TD2123</b>															
<b>5TG6217</b>															
<b>Hotel card switches, with lighting and labeling field</b>															
															
<ul style="list-style-type: none"> <li>• Cover plate 62 mm x 62 mm</li> <li>• For cards up to 54 x 85 mm, 0.7 ... 1.0 mm thick</li> <li>• Insertion of a card controls a mechanical contact</li> <li>• With insert, pushbutton, 1 CO contact, with separate neutral terminal (5TD2117)</li> <li>• Incl. glow lamp (5TG7332)</li> </ul>															
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>															
<b>5TG4820</b> <b>5TG4820</b> <b>5TG4824</b> <b>5TG4821</b> <b>5TG4822</b>															

## Selection and ordering data

Version	Order No.												
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw and claw fixing</li> <li>• SCHUKO® socket outlets: 16 A, 250 V AC; 10 A, 250 V AC</li> <li>• Live parts of inserts covered by molded plastic</li> <li>• Self-retracting claws</li> <li>• The screwless terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm<sup>2</sup></li> <li>• Degree of protection: IP20</li> <li>• Size of cover plates: 55 mm x 55 mm</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• For extension claws, see ...</td> <td><i>Functions / Switching / Pushbutton Control / Dimming / Accessories and spare parts</i></td> <td>9/14</td> </tr> <tr> <td>• All socket outlets shown here can be combined with the frames of the DELTA line product range, see ...</td> <td><i>Design / DELTA line</i></td> <td>3/5</td> </tr> <tr> <td>• All rockers shown here can be combined with the frames of the DELTA miro product range, see ...</td> <td><i>Design / DELTA miro</i></td> <td>4/5</td> </tr> </tbody> </table>	Note	Section	Page	• For extension claws, see ...	<i>Functions / Switching / Pushbutton Control / Dimming / Accessories and spare parts</i>	9/14	• All socket outlets shown here can be combined with the frames of the DELTA line product range, see ...	<i>Design / DELTA line</i>	3/5	• All rockers shown here can be combined with the frames of the DELTA miro product range, see ...	<i>Design / DELTA miro</i>	4/5	
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• All rockers shown here can be combined with the frames of the DELTA miro product range, see ...	<i>Design / DELTA miro</i>	4/5											
<p><b>SCHUKO® socket outlets</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- With claws</li> <li>- Without claws for hollow-wall mounting</li> </ul> </li> <li>• Electrical white (RAL 1013) <ul style="list-style-type: none"> <li>- With claws</li> <li>- Without claws for hollow-wall mounting</li> </ul> </li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> <li>• Red (similar to RAL 3003) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with WSV<sup>3)</sup></li> </ul> </li> </ul> <p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).  <sup>2)</sup> ZSV: Additional safety power supply (BEV).  <sup>3)</sup> WSV: Other safety power supply.</p>	<p>5UB1511</p> <p>5UB1511-0KK</p> <p>5UB1551</p> <p>5UB1551-0KK</p> <p>5UB1931</p> <p>5UB1921</p> <p>5UB1512</p> <p>5UB1513</p> <p>On request</p>												
<p><b>SCHUKO® socket outlets with increased touch protection</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- With claws</li> <li>- Without claws for hollow-wall mounting</li> </ul> </li> <li>• Electrical white (RAL 1013) <ul style="list-style-type: none"> <li>- With claws</li> <li>- Without claws for hollow-wall mounting</li> </ul> </li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> <li>• Red (similar to RAL 3003) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with WSV<sup>3)</sup></li> </ul> </li> </ul> <p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).  <sup>2)</sup> ZSV: Additional safety power supply (BEV).  <sup>3)</sup> WSV: Other safety power supply.</p>	<p>5UB1518</p> <p>5UB1518-0KK</p> <p>5UB1558</p> <p>5UB1558-0KK</p> <p>5UB1934</p> <p>5UB1924</p> <p>5UB1520</p> <p>5UB1521</p> <p>5UB1522</p>												



5UB1511












5UB1518

## i-system




2


## Socket outlets

Version		Order No.						
 <p>5UB19700TW01</p>	<p><b>Schuko® with double USB charger</b> <span style="color: orange;">NEW</span></p> <ul style="list-style-type: none"> <li>• Nominal input voltage: 100 ... 250 V AC</li> <li>• Nominal frequency: 50/60 Hz</li> <li>• Nominal output voltage: 5 V DC</li> <li>• DC output: 2 x USB type A socket</li> <li>• Maximum output current: 2400 mA (via a USB connection)</li> <li>• Current per socket: 1200 mA (when using both USBs)</li> <li>• Standby mode: &lt; 0.2 W</li> <li>• Safety: short circuit protection, overheating protection</li> <li>• Increased touch protection</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>	<p><b>5UB1970-0TW01</b>  <b>5UB1970-0AM01</b>  <b>5UB1970-0CM01</b></p>						
 <p>5UB1910</p>	<p><b>SCHUKO® socket outlets with "SV" imprint<sup>1)</sup></b>  Green (similar to RAL 6018)</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td><i>2/32</i></td> </tr> </tbody> </table> <p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).</p>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	<i>2/32</i>	<p><b>5UB1910</b></p>
Note	Section	Page						
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	<i>2/32</i>						
 <p>5UB1900</p>	<p><b>SCHUKO® socket outlets with "SV" imprint<sup>1)</sup> and increased touch protection</b>  Green (similar to RAL 6018)</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td><i>2/32</i></td> </tr> </tbody> </table> <p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).</p>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	<i>2/32</i>	<p><b>5UB1900</b></p>
Note	Section	Page						
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	<i>2/32</i>						
 <p>5UB1911</p>	<p><b>SCHUKO® socket outlets with "ZSV" imprint<sup>1)</sup></b>  Orange (similar to RAL 2004)</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td><i>2/32</i></td> </tr> </tbody> </table> <p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).</p>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	<i>2/32</i>	<p><b>5UB1911</b></p>
Note	Section	Page						
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	<i>2/32</i>						
 <p>5UB1901</p>	<p><b>SCHUKO® socket outlets with "ZSV" imprint<sup>1)</sup> and increased touch protection</b>  Orange (similar to RAL 2004)</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td><i>2/32</i></td> </tr> </tbody> </table> <p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).</p>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	<i>2/32</i>	<p><b>5UB1901</b></p>
Note	Section	Page						
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	<i>2/32</i>						

	Version	Order No.												
 <p>5UB1515</p>	<b>SCHUKO® socket outlets, with labeling field</b>													
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> <li>• Red (similar to RAL 3003) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with WSV<sup>3)</sup></li> </ul> </li> </ul>	<b>5UB1515</b> <b>5UB1555</b> <b>5UB1933</b> <b>5UB1923</b> <b>5UB1537</b>  <b>5UB1538</b>  <b>5UB1536</b>												
	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td>Accessories and spare parts</td> <td>2/32</td> </tr> </tbody> </table>	Note	Section	Page	Label sheets for marking the inserts, see ...	Accessories and spare parts	2/32							
	Note	Section	Page											
	Label sheets for marking the inserts, see ...	Accessories and spare parts	2/32											
<b>Footnote</b>														
<sup>1)</sup> SV: Safety power supply (AEV). <sup>2)</sup> ZSV: Additional safety power supply (BEV). <sup>3)</sup> WSV: Other safety power supply.														
 <p>5UB1560</p>	<b>SCHUKO® socket outlets, with status display and labeling field</b>													
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> </ul>	<b>5UB1560</b> <b>5UB1561</b> <b>5UB1935</b> <b>5UB1925</b>  <b>5UB1562</b>  <b>5UB1563</b>												
	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Spare glow lamp, for SCHUKO® socket outlet with status display 5TG7304, see ...</td> <td>Accessories and spare parts</td> <td>2/32</td> </tr> <tr> <td>• Labelsheets, for marking the inserts, see ...</td> <td>dto.</td> <td>2/32</td> </tr> <tr> <td>• For Technical specifications, see ...</td> <td>Technical Information / Socket Outlets / SCHUKO® socket outlets, with status display</td> <td>16/12</td> </tr> </tbody> </table>	Note	Section	Page	• Spare glow lamp, for SCHUKO® socket outlet with status display 5TG7304, see ...	Accessories and spare parts	2/32	• Labelsheets, for marking the inserts, see ...	dto.	2/32	• For Technical specifications, see ...	Technical Information / Socket Outlets / SCHUKO® socket outlets, with status display	16/12	<b>5TG7304</b>
	Note	Section	Page											
	• Spare glow lamp, for SCHUKO® socket outlet with status display 5TG7304, see ...	Accessories and spare parts	2/32											
• Labelsheets, for marking the inserts, see ...	dto.	2/32												
• For Technical specifications, see ...	Technical Information / Socket Outlets / SCHUKO® socket outlets, with status display	16/12												
<b>Footnote</b>														
<sup>1)</sup> SV: Safety power supply (AEV). <sup>2)</sup> ZSV: Additional safety power supply (BEV).														
 <p>5UH1310</p>	<b>Conversion kits, status display</b> <ul style="list-style-type: none"> <li>• For SCHUKO® socket outlets</li> <li>• 1 set contains a glow lamp and cover plate</li> <li>• With window and labeling field</li> </ul>													
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>	<b>5UH1310</b> <b>5UH1311</b>												
	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td>Technical Information / Socket Outlets / SCHUKO® socket outlets, with status display</td> <td>16/12</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	Technical Information / Socket Outlets / SCHUKO® socket outlets, with status display	16/12							
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For Technical specifications, see ...	Technical Information / Socket Outlets / SCHUKO® socket outlets, with status display	16/12												
 <p>5UB1523</p>	<b>SCHUKO® socket outlets, with increased touch protection and labeling field</b>													
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>	<b>5UB1523</b> <b>5UB1552</b> <b>5UB1940</b> <b>5UB1943</b>												
	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• For label sheets for marking inserts, see ...</td> <td>Accessories and spare parts</td> <td>2/32</td> </tr> </tbody> </table>	Note	Section	Page	• For label sheets for marking inserts, see ...	Accessories and spare parts	2/32							
Note	Section	Page												
• For label sheets for marking inserts, see ...	Accessories and spare parts	2/32												

## Socket outlets

Version				Order No.
	<b>SCHUKO® socket outlets, with increased touch protection, labeling field and function indicator</b>			
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>			
5UB1524				<b>5UB1524</b> <b>5UB1553</b> <b>5UB1941</b> <b>5UB1944</b>
	<b>SCHUKO® socket outlets, with increased touch protection, labeling field, function indicators and overvoltage protection</b>			
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>			
				<b>5UB1525</b> <b>5UB1556</b> <b>5UB1942</b> <b>5UB1945</b>
	<b>Note</b> <ul style="list-style-type: none"> <li>• Spare overvoltage protection module 5UH1300, see ...</li> <li>• For Technical specifications, see ...</li> </ul>	<b>Section</b> <ul style="list-style-type: none"> <li>Accessories and spare parts</li> <li>Technical Information/Socket Outlets/SCHUKO® socket outlets, with overvoltage protection</li> </ul>	<b>Page</b> <ul style="list-style-type: none"> <li>2/33</li> <li>16/12</li> </ul>	<b>5UH1300</b>
	<b>SCHUKO® socket outlets, with overvoltage protection, function displays and labeling field</b>			
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>			
5UB1564				<b>5UB1564</b> <b>5UB1565</b> <b>5UB1936</b> <b>5UB1926</b>
	<b>Note</b> <ul style="list-style-type: none"> <li>• Spare overvoltage protection module 5UH1300, see ...</li> <li>• For Technical specifications, see ...</li> </ul>	<b>Section</b> <ul style="list-style-type: none"> <li>Accessories and spare parts</li> <li>Technical Information/Socket Outlets/SCHUKO® socket outlets, with overvoltage protection</li> </ul>	<b>Page</b> <ul style="list-style-type: none"> <li>2/33</li> <li>16/12</li> </ul>	<b>5UH1300</b>
	<b>Conversion kits, overvoltage protection</b>			
	<ul style="list-style-type: none"> <li>• For SCHUKO® socket outlets</li> <li>• 1 set contains overvoltage protection module and cover plate</li> <li>• With window and labeling field</li> </ul>			
5UH1340				<b>5UH1340</b> <b>5UH1341</b>
	<b>Note</b> <ul style="list-style-type: none"> <li>• For Technical specifications, see ...</li> </ul>	<b>Section</b> <ul style="list-style-type: none"> <li>Technical Information/Socket Outlets/SCHUKO® socket outlets, with overvoltage protection</li> </ul>	<b>Page</b> <ul style="list-style-type: none"> <li>16/12</li> </ul>	







Version	Order No.									
 <p><b>SCHUKO® socket outlets with hinged lid, increased touch protection and labeling field</b></p>										
<p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> </ul>										
5UB1912	<p>5UB1912</p> <p>5UB1902</p> <p>5UB1932</p> <p>5UB1922</p> <p>5UB1913</p> <p>5UB1914</p>									
<p>Note</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an IP44 seal, for socket outlets, see</td> <td><i>Accessories and spare parts</i></td> <td>2/32</td> </tr> <tr> <td>• Label sheets, for marking the inserts, see ...</td> <td><i>dto.</i></td> <td>2/32</td> </tr> </tbody> </table>		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	<i>Accessories and spare parts</i>	2/32	• Label sheets, for marking the inserts, see ...	<i>dto.</i>	2/32
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	<i>Accessories and spare parts</i>	2/32								
• Label sheets, for marking the inserts, see ...	<i>dto.</i>	2/32								
<p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).</p> <p><sup>2)</sup> ZSV: Additional safety power supply (BEV).</p>										
<p><b>SCHUKO® socket outlets with hinged lid</b></p>										
<p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>										
5UB1917	<p>5UB1917</p> <p>5UB1907</p> <p>5UB1937</p> <p>5UB1927</p>									
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Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an IP44 seal, for socket outlets, see ...	<i>Accessories and spare parts</i>	2/32								
<p>Note</p> <p>Opening angle of the hinged lid, 150°</p>										
<p><b>SCHUKO® socket outlets with hinged lid and increased touch protection</b></p>										
<p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>										
5UB1915	<p>5UB1915</p> <p>5UB1905</p> <p>5UB1930</p>									
<p>Note</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an IP44 seal, for socket outlets, see ...</td> <td><i>Accessories and spare parts</i></td> <td>2/32</td> </tr> </tbody> </table>		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 ...	<i>Accessories and spare parts</i>	2/32			
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Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an IP44 seal, for socket outlets, see ...	<i>Accessories and spare parts</i>	2/32								
<p>Note</p> <p>Opening angle of the hinged lid, 150°</p>										
<p><b>Cover plates with hinged lid, increased touch protection and labeling field</b></p> <p>For converting SCHUKO® socket outlets</p>										
<p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>										
5UH1081	<p>5UH1081</p> <p>5UH1213</p>									





## i-system

2

## Socket outlets

	Version	Order No.
	<b>Cover plates with hinged lid</b> For converting SCHUKO® socket outlets Versions <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> Note Opening angle of the hinged lid, 150°	<b>5UH1204</b> <b>5UH1205</b>
	<b>SCHUKO® socket outlets with hinged lid and increased touch protection and lock</b> Versions <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> Note Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an IP44 seal, for socket outlets, see ... Note <ul style="list-style-type: none"> <li>• Opening angle of the hinged lid, 150°, identical key type</li> <li>• The special version offers up to 200 different locking systems. Ask for details of additional charge.</li> </ul>	<b>5UB1916</b> <b>5UB1906</b>  Section <i>Accessories and spare parts</i> Page 2/32 <b>5TG4318</b>
	<b>SCHUKO® socket outlets, 80 mm x 80 mm</b> Complete assembly, therefore no additional frame necessary Versions <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> Note DELTA line design	<b>5UB1580</b> <b>5UB1581</b>
	<b>SCHUKO® socket outlets, 80 mm x 80 mm, with increased touch protection</b> Complete assembly, therefore no additional frame necessary Versions <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> Note DELTA line design	<b>5UB1582</b> <b>5UB1583</b>
	<b>Double SCHUKO®, with increased touch protection</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• For device boxes with 60 mm Ø</li> <li>• 111 mm x 79 mm x 43 mm</li> <li>• Screw- and screwless terminals</li> </ul> Complete assembly, therefore no additional frame necessary Versions <ul style="list-style-type: none"> <li>• Insert and frame with claws</li> <li>• Insert and frame without claws</li> </ul>	<b>5UB2211-3</b> <b>5UB2211-3KK</b>
	<b>Miro Double SCHUKO®, with increased touch protection</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• For device boxes with 60 mm Ø</li> <li>• 125 mm x 81 mm x 41 mm</li> <li>• Screw- and screwless terminals</li> </ul> Complete assembly, therefore no additional frame necessary Versions <ul style="list-style-type: none"> <li>• Insert and frame with claws</li> <li>• Insert and frame without claws</li> </ul>	<b>5UB2213-3</b> <b>5UB2213-3KK</b>



	Version	Order No.
 <p>5UB2212-3</p>	<p><b>Miro Double Schuko®</b>, insert with increased touch protection</p> <ul style="list-style-type: none"> <li>• 91 mm x 50 mm x 43 mm</li> <li>• Screw- and screwless terminals</li> </ul> <p>This insert can only be used with the Miro double schuko frames</p>	
	<p>Versions</p>	
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- with claws</li> <li>- without claws</li> </ul> </li> </ul>	<p><b>5UB2212-3</b> <b>5UB2212-3KK</b></p>
	<ul style="list-style-type: none"> <li>• Aluminium metallic (similar to RAL 9006) <ul style="list-style-type: none"> <li>- with claws</li> <li>- without claws</li> </ul> </li> </ul>	<p><b>5UB2212-4</b> <b>5UB2212-4KK</b></p>
 <p>5UB4650</p>	<p><b>SCHUKO®</b> socket outlets, with hinged lid made of die-cast aluminium</p>	<p><b>5UB4650</b></p>
	<ul style="list-style-type: none"> <li>• With flush-mounting socket</li> <li>• IP41 drip-proof</li> <li>• Base made of thermosetting plastic with two cable entries M20</li> <li>• 95 mm x 95 mm x 56 mm</li> <li>• Light grey (RAL 7035)</li> </ul>	

Version

Order No.

## Charger



5TG2025-2

**Double USB Charger**

The DELTA double USB charger is suitable for portable electronic devices connected via USB 2.0 type A plugs. The charging unit can be easily installed in standard flush-mounting European sockets and provides you with two USB charging boxes. This double USB charger is suitable for I-system, DELTA profil and DELTA style ranges.

- Input rated voltage: 100 ÷ 240VAC
- Nominal frequency: 50/60 Hz
- Output rated voltage: 5VDC
- DC output: 2 x USB type A female
- Maximum output current: 2100 mA (using one USB)

**5TG2025-2**

For tops see section

Page (ff.)

- *i-system / Communication*
- *DELTA profil/Communication*<sup>1)</sup>
- *DELTA style/Communication*
- *DELTA style/Chargers*

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Note

<sup>1)</sup> Cutout frames necessary.

5TG2025-3

**Double USB Charger NEW**

The DELTA double USB charger is suitable for portable electronic devices connected via USB 2.0 type A plugs. The charging unit can be easily installed in standard flush-mounting European boxes and provides you with two USB charging boxes. This double USB charger is suitable for i-system and DELTA style ranges.

- Input rated voltage: 100 - 250VAC
- Nominal frequency: 50/60 Hz
- Output rated voltage: 5VDC
- DC output: 2 x USB type A female
- Output current: 1x2100mA 2x1050mA

**5TG2025-3**

For tops see section

Page (ff.)






- *i-system / Communication*
- *DELTA style/Communication*
- *DELTA style/Chargers*

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## Selection and ordering data





Version	Order No.								
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• With screw and claw fixing</li> <li>• Screw terminals</li> <li>• Degree of protection IP20</li> <li>• Size of cover plates: 55 mm x 55 mm</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For extension claws, see ...</td> <td><i>Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts</i></td> <td>9/14</td> </tr> </tbody> </table>	Note	Section	Page	For extension claws, see ...	<i>Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts</i>	9/14			
Note	Section	Page							
For extension claws, see ...	<i>Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts</i>	9/14							
 <p><b>Socket outlets with grounding pin and increased touch protection</b></p> <ul style="list-style-type: none"> <li>• 16 A, ~250 V</li> <li>• 2-pole according to CEE7</li> <li>• French/Belgian standard</li> <li>• With anti-slip terminals for 4 x 2.5 mm<sup>2</sup></li> </ul> <table border="1"> <thead> <tr> <th>Versions</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul> </td> </tr> </tbody> </table>	Versions	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>	<p>5UB1918 5UB1908 5UB1938 5UB1928</p>						
Versions									
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>									
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Versions									
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>									
 <p><b>Socket outlets, according to American standard C 73</b></p> <ul style="list-style-type: none"> <li>• 15 A, ~125 V</li> <li>• 51 mm x 51 mm</li> </ul> <table border="1"> <thead> <tr> <th>Versions</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> </td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Intermediate frames must be ordered separately, see ...</td> <td><i>Design / DELTA line / Frames</i></td> <td>3/5</td> </tr> </tbody> </table>	Versions	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>	Note	Section	Page	Intermediate frames must be ordered separately, see ...	<i>Design / DELTA line / Frames</i>	3/5	<p>5UB1307 5UB1303</p>
Versions									
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>									
Note	Section	Page							
Intermediate frames must be ordered separately, see ...	<i>Design / DELTA line / Frames</i>	3/5							
 <p><b>NEMA socket outlets</b></p> <ul style="list-style-type: none"> <li>• 2-pole (2P + E)</li> <li>• NEMA 5-20R</li> <li>• 20 A, 125 V AC</li> <li>• For 58 series mounting boxes</li> <li>• For screw fixing only</li> <li>• Titanium white (similar to RAL 9010)</li> </ul>	<p>5UB1534</p>								
 <p><b>NEMA socket outlets with hinged lid</b></p> <ul style="list-style-type: none"> <li>• 2-pole (2P + E)</li> <li>• NEMA 5-20R</li> <li>• 20 A, 125 V AC</li> <li>• For 58 series mounting boxes</li> <li>• For screw fixing only</li> <li>• Titanium white (similar to RAL 9010)</li> </ul>	<p>5UB1535</p>								

## Selection and ordering data




Version	Order No.
<b>General information</b>	
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 ...	<i>Design / DELTA line</i> 3/5
• All rockers and cover plates shown here can be combined with the frames of the DELTA miro product range, see ...	<i>Design / DELTA miro</i> 4/5
<b>Rockers, double, with Up/Down symbols</b>	
Versions	
• Titanium white (similar to RAL 9010)	5TG6214 5TG6284 5TG6254 5TG6234
• Electrical white (RAL 1013)	
• Aluminum metallic (similar to RAL 9006)	
• Carbon metallic (similar to RAL 7016)	
Inserts	Section Page
• Shutter/blind switches, with electrical and mechanical interlock	<i>Functions / Shutter/ blind controls</i> 11/2
• Shutter/blind pushbuttons, with electrical interlock	11/2
<b>Rockers, double, with labeling field</b>	
Versions	
• Titanium white (similar to RAL 9010)	5TG6212 5TG6282 5TG6252 5TG6232
• Electrical white (RAL 1013)	
• Aluminum metallic (similar to RAL 9006)	
• Carbon metallic (similar to RAL 7016)	
Inserts	Section Page
• Shutter/blind switches, with electrical and mechanical interlock	<i>Functions / Shutter/ blind controls</i> 11/2
• Shutter/blind pushbuttons, with electrical interlock	11/2
Note	Section Page
5TG1137 sheet of pictographs, for double rocker with labeling field must be ordered separately, see ...	<i>Accessories and spare parts</i> 2/31
<b>Shutter/blind key-operated switches for master-key systems, with Up/Down symbols</b>	
<ul style="list-style-type: none"> <li>• 10 A, ~250 V</li> <li>• Key can only be withdrawn in neutral position</li> <li>• 5TG4225 profile semicylinder (see below) must be ordered separately</li> </ul>	
Titanium white versions (similar to RAL 9010)	
• 1-pole, changeover contact with neutral position <ul style="list-style-type: none"> <li>- Momentary-contact and maintained-contact position to left and right</li> <li>- Momentary-contact position to left and right</li> <li>- Maintained-contact position to left and right</li> </ul>	5TA7664 5TA7666 5TA7668
• 2-pole, changeover contact with neutral position <ul style="list-style-type: none"> <li>- Momentary-contact and maintained-contact position to left and right</li> <li>- Momentary-contact position on both sides</li> </ul>	5TA7665 5TA7667
• 2-pole, changeover contact without neutral position <ul style="list-style-type: none"> <li>- Maintained-contact position to left and right,</li> </ul>	5TA7670
Note	Section Page
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems</i> 16/33
<b>Profile semicylinders for "shutter/blind key-operated switches for master-key systems"</b>	
<ul style="list-style-type: none"> <li>• CES product</li> <li>• With three keys of</li> <li>• Identical key type</li> </ul>	
5TG4225	

















5TG4225

Version	Order No.								
 <p><b>Shutter/blind key-operated switches with Up/Down symbols</b></p> <ul style="list-style-type: none"> <li>• With safety lock and 2 keys</li> <li>• 10 A, ~250 V</li> <li>• 1-pole</li> <li>• Identical key type</li> <li>• Key can only be withdrawn in neutral position</li> <li>• Momentary-contact and maintained-contact position to left and right and neutral position</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> <p>Note</p> <p>For Technical specifications, see ...</p>	<p><b>5TA7662</b></p> <p><b>5TA7662</b> <b>5TA7673</b></p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches</i></td> <td>16/32</td> </tr> </tbody> </table>	Section	Page	<i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches</i>	16/32				
Section	Page								
<i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches</i>	16/32								
 <p><b>Shutter/blind knob-operated switches with Up/Down symbols</b></p> <ul style="list-style-type: none"> <li>• 10 A, ~250 V</li> <li>• Momentary-contact and maintained-contact position to left and right and neutral position</li> <li>• Changeover contact with neutral position</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- 1-pole</li> <li>- 2-pole</li> </ul> </li> <li>• Electrical white (RAL 1013) <ul style="list-style-type: none"> <li>- 1-pole</li> <li>- 2-pole</li> </ul> </li> </ul> <p>Note</p> <p>For Technical specifications, see ...</p>	<p><b>5TA7660</b></p> <p><b>5TA7661</b></p> <p><b>5TA7671</b> <b>5TA7672</b></p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches</i></td> <td>16/32</td> </tr> </tbody> </table>	Section	Page	<i>Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches</i>	16/32				
Section	Page								
<i>Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches</i>	16/32								
 <p><b>Shutter/blind knob-operated switches, with "Down/Up" label</b></p> <ul style="list-style-type: none"> <li>• 10 A, ~250 V</li> <li>• 1-pole (changeover contact with neutral position)</li> <li>• Momentary-contact position to left and right and neutral position</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p>Note</p> <p>For Technical specifications, see ...</p>	<p><b>5TA7663</b></p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches</i></td> <td>16/32</td> </tr> </tbody> </table>	Section	Page	<i>Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches</i>	16/32				
Section	Page								
<i>Technical Information / Shutter/Blind Controls / Shutter/blind knob-operated switches</i>	16/32								
 <p><b>sys shutter/blind pushbuttons</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p>Inserts</p> <p><i>sys shutter/blind control inserts</i></p> <p>Note</p> <ul style="list-style-type: none"> <li>• For a more detailed explanation of the sys shutter/blind pushbutton, see ...</li> <li>• For Technical specifications, see ...</li> </ul>	<p><b>5TC1321</b></p> <p><b>5TC1231</b></p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Functions / Shutter/blind controls</i></td> <td>11/3</td> </tr> <tr> <td><i>Technical Information / Shutter/Blind Controls / General</i></td> <td>16/30</td> </tr> <tr> <td><i>Technical Information / Shutter/Blind Controls / sys shutter/blind push-buttons</i></td> <td>16/34</td> </tr> </tbody> </table>	Section	Page	<i>Functions / Shutter/blind controls</i>	11/3	<i>Technical Information / Shutter/Blind Controls / General</i>	16/30	<i>Technical Information / Shutter/Blind Controls / sys shutter/blind push-buttons</i>	16/34
Section	Page								
<i>Functions / Shutter/blind controls</i>	11/3								
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<i>Technical Information / Shutter/Blind Controls / sys shutter/blind push-buttons</i>	16/34								

## Shutter/blind controls

	Version	Order No.						
	<p><b>Shutter/blind controls</b></p> <ul style="list-style-type: none"> <li>• For controlling a blind or shutter motor with mechanical or electronic limit switches</li> <li>• Operation is by means of 4 control buttons</li> </ul> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind controls</i></td> <td>16/37</td> </tr> </tbody> </table> <p><b>Note</b></p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1520/all">http://support.automation.siemens.com/ww/view/en/5tc1520/all</a></p> <p><b>Product features</b></p> <ul style="list-style-type: none"> <li>• Flush-mounting device without an extension unit input</li> <li>• 230 V AC, 50 Hz (N conductor required)</li> <li>• For screw and claw fixing</li> <li>• Type of connection: screw terminals</li> <li>• 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s</li> <li>• Bridging of voltage interruptions &lt; 0.2 s</li> <li>• Connected load: max. 1 motor up to 1000 W</li> <li>• Pulse duration: Approx. 2 min</li> <li>• Accuracy: ± 1 min per month</li> <li>• Reserve power: &gt; 6 h</li> <li>• Switching times: max. 4 (in 2 blocks: Mo ... Fr / Sa ... Su)</li> <li>• Factory preset switching times for faster commissioning</li> <li>• Possible reset to factory settings</li> <li>• Manual operation possible at any time</li> </ul>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind controls</i>	16/37	<p><b>5TC1520</b></p> <p><b>5TC1532</b></p> <p><b>5TC1522</b></p> <p><b>5TC1524</b></p>
Note	Section	Page						
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind controls</i>	16/37						
	<p><b>Shutter/blind control flush-mounting isolating relays</b></p> <ul style="list-style-type: none"> <li>• Double, with individual control</li> <li>• Relay for the control of several shutters or blinds</li> <li>• Two motors can be controlled per isolating relay, even if further isolating relays are connected downstream</li> <li>• Option for individual control of connected motors over shutter/blind pushbutton (e.g. 5TA2 114)</li> <li>• 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)</li> <li>• Only for in-phase operation</li> <li>• 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz</li> <li>• 58 mm x 59 mm x 22 mm</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays</i></td> <td>16/42</td> </tr> </tbody> </table> <p><b>Note</b></p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1270/all">http://support.automation.siemens.com/ww/view/en/5tc1270/all</a></p>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays</i>	16/42	<p><b>5TC1270</b></p>
Note	Section	Page						
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays</i>	16/42						
	<p><b>Shutter/blind control flush-mounting isolating relays, compact</b></p> <ul style="list-style-type: none"> <li>• Relay for the control of several shutters or blinds</li> <li>• 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</li> <li>• If cascaded, a motor can be connected to each compact isolating relay, which can also be individually controlled over a shutter/blind pushbutton</li> <li>• 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)</li> <li>• Only for in-phase operation</li> <li>• 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz</li> <li>• 50 mm x 53 mm x 22 mm</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact</i></td> <td>16/43</td> </tr> </tbody> </table> <p><b>Note</b></p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1271/all">http://support.automation.siemens.com/ww/view/en/5tc1271/all</a></p>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact</i>	16/43	<p><b>5TC1271</b></p>
Note	Section	Page						
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact</i>	16/43						

## Selection and ordering data







Version	Order No.																														
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For stand-alone devices and combinations</li> <li>• For screw and claw fixing</li> <li>• Degree of protection: IP20</li> <li>• Size of cover plates: 55 mm x 55 mm</li> </ul>																															
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 <p>5TC1700</p>	<p><b>Motion detector</b> <span style="color: orange;">NEW</span></p> <table border="1"> <thead> <tr> <th>Version</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul> </td> <td><b>5TC1700</b></td> </tr> <tr> <td> <p><b>Technical specifications</b></p> <ul style="list-style-type: none"> <li>• Brightness threshold: 10 - 2000 Lux. - Time setting: 15sec. - 16min., pulse</li> <li>• Supply voltage: 110 - 240 V AC 50 / 60 Hz</li> <li>• Detection angle <ul style="list-style-type: none"> <li>- Max. 10 m when walking transversally to the detector</li> <li>- Range (1.10 - 2.20 m mounting height)</li> </ul> </li> <li>• Max. 10 m when walking transversally to the detector Approx. 3 m when walking towards the detector</li> <li>• Protection: Protection class IP20 / II / CE</li> <li>• Dimensions L x W x H: 70 x 70 x 61 mm</li> <li>• Switching power 180-R <ul style="list-style-type: none"> <li>- Ohmic load 2300W, cosφ=1</li> <li>- Inductive load 1150 VA, cosφ=0.5</li> <li>- Halogen lamps with transformer 1000 VA</li> </ul> </li> </ul> </td> <td></td> </tr> <tr> <td> <p>Note</p> <p>For Technical specifications, see ...</p> </td> <td> <table border="1"> <thead> <tr> <th>Technical Information</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td>16/29</td> </tr> </tbody> </table> </td> </tr> </tbody> </table>	Version	Order No.	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul>	<b>5TC1700</b>	<p><b>Technical specifications</b></p> <ul style="list-style-type: none"> <li>• Brightness threshold: 10 - 2000 Lux. - Time setting: 15sec. - 16min., pulse</li> <li>• Supply voltage: 110 - 240 V AC 50 / 60 Hz</li> <li>• Detection angle <ul style="list-style-type: none"> <li>- Max. 10 m when walking transversally to the detector</li> <li>- Range (1.10 - 2.20 m mounting height)</li> </ul> </li> <li>• Max. 10 m when walking transversally to the detector Approx. 3 m when walking towards the detector</li> <li>• Protection: Protection class IP20 / II / CE</li> <li>• Dimensions L x W x H: 70 x 70 x 61 mm</li> <li>• Switching power 180-R <ul style="list-style-type: none"> <li>- Ohmic load 2300W, cosφ=1</li> <li>- Inductive load 1150 VA, cosφ=0.5</li> <li>- Halogen lamps with transformer 1000 VA</li> </ul> </li> </ul>		<p>Note</p> <p>For Technical specifications, see ...</p>	<table border="1"> <thead> <tr> <th>Technical Information</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td>16/29</td> </tr> </tbody> </table>	Technical Information	Page	For Technical specifications, see ...	16/29																		
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## i-system

2





## Room temperature controllers



## Selection and ordering data



Version	Order No.												
 <p><b>Room thermostat</b> <b>NEW</b></p> <ul style="list-style-type: none"> <li>• Input rated voltage: 230 V~ - 50 Hz</li> <li>• Switching capacity NC: 10 A / 230 V~</li> <li>• Switching capacity NO: 5 A / 230 V~</li> <li>• Sensor type: bimetal type 1C Operating temp.: 5 to 30°C</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Polar white (similar to RAL 9016)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul> <p>5TC9774-4WH00</p>	<p><b>5TC9774-4WH00</b></p> <p><b>5TC9774-4AM00</b></p> <p><b>5TC9774-4CM00</b></p>												
 <p><b>Underfloor heating thermostat</b> <b>NEW</b></p> <ul style="list-style-type: none"> <li>• Input rated voltage: 230 V~ - 50 Hz</li> <li>• External sensor (included): length 4 m (extendable to 50 m).</li> <li>• Sensor: external or internal &amp; external (monitor)</li> <li>• Switching capacity: 16 A / 230 V~</li> <li>• Operating temp.: 10 to 50°C (scale of 1 to 5)</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Polar white (similar to RAL 9016)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul> <p>5TC9774-5WH00</p>	<p><b>5TC9774-5WH00</b></p> <p><b>5TC9774-5AM00</b></p> <p><b>5TC9774-5CM00</b></p>												
 <p><b>Digital chronothermostat</b> <b>NEW</b></p> <ul style="list-style-type: none"> <li>• Input rated voltage: 230 V~ - 50 Hz</li> <li>• Switching capacity: 10 A / 230 V~</li> <li>• Sensor: NTC-internal</li> <li>• Operating Temp.: -5°C to 30°C for ambient thermostat -10°C to 42°C for room thermostat</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Polar white (similar to RAL 9016)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul> <p>5TC9774-6WH00</p>	<p><b>5TC9774-6WH00</b></p> <p><b>5TC9774-6AM00</b></p> <p><b>5TC9774-6CM00</b></p>												
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For stand-alone devices and combinations</li> <li>• For screw fixing</li> <li>• Degree of protection: IP20</li> <li>• Size of cover plates: 55 mm x 55 mm</li> </ul> <p>Note</p> <p>Download the operating and mounting instructions at:  <a href="http://support.automation.siemens.com/WW/view/en/17738210/133300">http://support.automation.siemens.com/WW/view/en/17738210/133300</a></p>													
 <p><b>Cover plates for room temperature controllers, NC/CO</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> </ul> <table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> <th></th> </tr> </thead> <tbody> <tr> <td>• Room temperature controllers, 1 NC contact</td> <td>Functions / Room Temperature Controllers</td> <td>12/3</td> <td><b>5TC9200</b></td> </tr> <tr> <td>• Room temperature controllers, 1 CO contact</td> <td>dto.</td> <td>12/3</td> <td><b>5TC9201</b></td> </tr> </tbody> </table> <p>5TC9221</p>	Inserts	Section	Page		• Room temperature controllers, 1 NC contact	Functions / Room Temperature Controllers	12/3	<b>5TC9200</b>	• Room temperature controllers, 1 CO contact	dto.	12/3	<b>5TC9201</b>	<p><b>5TC9221</b></p> <p><b>5TC9220</b></p> <p><b>5TC9250</b></p>
Inserts	Section	Page											
• Room temperature controllers, 1 NC contact	Functions / Room Temperature Controllers	12/3	<b>5TC9200</b>										
• Room temperature controllers, 1 CO contact	dto.	12/3	<b>5TC9201</b>										
 <p><b>Cover plates for room temperature controllers, 3-position switch</b></p> <p>Possible positions:</p> <ul style="list-style-type: none"> <li>• Automatic timing</li> <li>• Constant day temperature</li> <li>• Constant nighttime reduction</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul> <table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> <th></th> </tr> </thead> <tbody> <tr> <td>Room temperature controllers, 3-position switch</td> <td>Functions / Room Temperature Controllers</td> <td>12/3</td> <td><b>5TC9202</b></td> </tr> </tbody> </table> <p>5TC9223</p>	Inserts	Section	Page		Room temperature controllers, 3-position switch	Functions / Room Temperature Controllers	12/3	<b>5TC9202</b>	<p><b>5TC9223</b></p> <p><b>5TC9202</b></p>				
Inserts	Section	Page											
Room temperature controllers, 3-position switch	Functions / Room Temperature Controllers	12/3	<b>5TC9202</b>										
 <p><b>Cover plates for room temperature controllers, direct floor heating</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul> <table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> <th></th> </tr> </thead> <tbody> <tr> <td>Room temperature controllers, direct floor heating</td> <td>Functions / Room Temperature Controllers</td> <td>12/4</td> <td><b>5TC9203</b></td> </tr> </tbody> </table> <p>5TC9225</p>	Inserts	Section	Page		Room temperature controllers, direct floor heating	Functions / Room Temperature Controllers	12/4	<b>5TC9203</b>	<p><b>5TC9225</b></p> <p><b>5TC9203</b></p>				
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## Selection and ordering data

Version	Order No.																														
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>Degree of protection: IP20</li> <li>Size of cover plates: 55 mm x 55 mm</li> </ul>																															
 <p><b>Cover plates for TAE outlet boxes, loudspeaker outlet boxes and double USB charger</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> <li>Aluminum metallic (similar to RAL 9006)</li> <li>Carbon metallic (similar to RAL 7016)</li> </ul> <table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Loudspeaker outlet boxes, single</td> <td><i>Functions / Data and Communication Systems</i></td> <td>13/9</td> </tr> <tr> <td>• Loudspeaker outlet boxes, double</td> <td><i>dto.</i></td> <td>13/9</td> </tr> <tr> <td>• HDMI-Connector with claws, white</td> <td><i>dto.</i></td> <td>13/7</td> </tr> <tr> <td>• HDMI-Connector with claws, grey</td> <td><i>dto.</i></td> <td>13/7</td> </tr> <tr> <td>• VGA-Connector with claws, white</td> <td><i>dto.</i></td> <td>13/7</td> </tr> <tr> <td>• VGA-Connector with claws, grey</td> <td><i>dto.</i></td> <td>13/7</td> </tr> <tr> <td>• USB-Connector with claws, white</td> <td><i>dto.</i></td> <td>13/7</td> </tr> <tr> <td>• USB-Connector with claws, grey</td> <td><i>dto.</i></td> <td>13/7</td> </tr> <tr> <td>• USB-Double USB-charger</td> <td><i>i system / Chargers</i></td> <td>2/16</td> </tr> </tbody> </table>	Inserts	Section	Page	• Loudspeaker outlet boxes, single	<i>Functions / Data and Communication Systems</i>	13/9	• Loudspeaker outlet boxes, double	<i>dto.</i>	13/9	• HDMI-Connector with claws, white	<i>dto.</i>	13/7	• HDMI-Connector with claws, grey	<i>dto.</i>	13/7	• VGA-Connector with claws, white	<i>dto.</i>	13/7	• VGA-Connector with claws, grey	<i>dto.</i>	13/7	• USB-Connector with claws, white	<i>dto.</i>	13/7	• USB-Connector with claws, grey	<i>dto.</i>	13/7	• USB-Double USB-charger	<i>i system / Chargers</i>	2/16	<p>5TG2563-2</p> <p>5TG2593-2</p> <p>5TG1256-2</p> <p>5TG1226-2</p> <p>5TG2467-2</p> <p>5TG2468-2</p> <p>5TG2020-0</p> <p>5TG2020-1</p> <p>5TG2021-0</p> <p>5TG2021-1</p> <p>5TG2022-0</p> <p>5TG2022-1</p> <p>5TG2025-2</p>
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• Loudspeaker outlet boxes, double	<i>dto.</i>	13/9																													
• HDMI-Connector with claws, white	<i>dto.</i>	13/7																													
• HDMI-Connector with claws, grey	<i>dto.</i>	13/7																													
• VGA-Connector with claws, white	<i>dto.</i>	13/7																													
• VGA-Connector with claws, grey	<i>dto.</i>	13/7																													
• USB-Connector with claws, white	<i>dto.</i>	13/7																													
• USB-Connector with claws, grey	<i>dto.</i>	13/7																													
• USB-Double USB-charger	<i>i system / Chargers</i>	2/16																													
 <p><b>Cover plates for double USB charger <span style="color: orange;">NEW</span></b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Aluminum metallic (similar to RAL 9006)</li> <li>Carbon metallic (similar to RAL 7016)</li> </ul> <table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• USB-Double USB-charger</td> <td><i>i system / Chargers</i></td> <td>2/16</td> </tr> </tbody> </table>	Inserts	Section	Page	• USB-Double USB-charger	<i>i system / Chargers</i>	2/16	<p>5TG2578-0TW</p> <p>5TG2578-0AM</p> <p>5TG2578-0CM</p> <p>5TG2467-3</p>																								
Inserts	Section	Page																													
• USB-Double USB-charger	<i>i system / Chargers</i>	2/16																													
 <p><b>Cover plates for UAE outlet boxes, Cat.3, single</b></p> <ul style="list-style-type: none"> <li>For Ackermann inserts, (without central plate)</li> <li>With 45° inclined outlet</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> <li>Aluminum metallic (similar to RAL 9006)</li> <li>Carbon metallic (similar to RAL 7016)</li> </ul>	<p>5TG1210</p> <p>5TG1207</p> <p>5TG1260</p> <p>5TG1230</p>																														
 <p><b>Cover plates for UAE outlet boxes, Cat.3, double</b></p> <ul style="list-style-type: none"> <li>For Ackermann inserts, (without central plate)</li> <li>With 45° inclined outlet</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> <li>Aluminum metallic (similar to RAL 9006)</li> <li>Carbon metallic (similar to RAL 7016)</li> </ul>	<p>5TG1211</p> <p>5TG1208</p> <p>5TG1261</p> <p>5TG1231</p>																														

Version			Order No.	
 5TG2545	<b>Cover plates for UAE outlet boxes</b> <ul style="list-style-type: none"> <li>• For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6)</li> <li>• For Cat.6 inserts from BTR (E-DAT)</li> <li>• With 45° inclined outlet</li> <li>• For single and double</li> <li>• Inclined outlet can be knocked out for 2 x 8 inserts</li> </ul>			
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>			<b>5TG2545</b> <b>5TG2543</b> <b>5TG1257</b> <b>5TG1227</b>
	<b>Inserts</b>	<b>Section</b>	<b>Page</b>	
	<ul style="list-style-type: none"> <li>• UAE outlet boxes, Cat.3, Rutenbeck               <ul style="list-style-type: none"> <li>- 1 x 8-pole</li> <li>- 2 x 8-pole (8/8)</li> </ul> </li> <li>• UAE outlet boxes, Cat.6e               <ul style="list-style-type: none"> <li>- 1X8 POL STP RJ45</li> <li>- 2X8POL STP RJ45</li> </ul> </li> <li>• UAE outlet boxes, real Cat.6a, Rutenbeck               <ul style="list-style-type: none"> <li>- 1X8POL UTP RJ45</li> <li>- 2X8POL UTP RJ45</li> </ul> </li> </ul>	<i>Functions / Data and Communication Systems dto.</i>	13/2 13/2	<b>5TG2417</b> <b>5TG2406</b> <b>5TG2026-1</b> <b>5TG2026-2</b>  <b>5TG2027-1</b> <b>5TG2027-2</b>
<b>Note</b> The cover plate for the UAE outlet box can be combined with inserts AMJ45 and UMJ45 Up 0 (without central plate) from Telegärtner				
 5TG2546	<b>Cover plates for UAE outlet boxes, with labeling field</b> <ul style="list-style-type: none"> <li>• For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6)</li> <li>• For Cat.6 inserts from BTR (E-DAT)</li> <li>• With 45° inclined outlet</li> <li>• For single and double</li> <li>• Inclined outlet can be knocked out for 2 x 8 inserts</li> </ul>			
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>			<b>5TG2546</b> <b>5TG2544</b> <b>5TG1258</b> <b>5TG1228</b>
	<b>Inserts</b>	<b>Section</b>	<b>Page</b>	
	<ul style="list-style-type: none"> <li>• UAE outlet boxes, Cat.3, Rutenbeck               <ul style="list-style-type: none"> <li>- 1 x 8-pole</li> <li>- 2 x 8-pole (8/8)</li> </ul> </li> <li>• UAE outlet boxes, Cat.6e               <ul style="list-style-type: none"> <li>- 1X8 POL STP RJ45</li> <li>- 2X8POL STP RJ45</li> </ul> </li> <li>• UAE outlet boxes, real Cat.6a, Rutenbeck               <ul style="list-style-type: none"> <li>- 1X8POL UTP RJ45</li> <li>- 2X8POL UTP RJ45</li> </ul> </li> </ul>	<i>Functions / Data and Communication Systems dto.</i>	13/2 13/2	<b>5TG2417</b> <b>5TG2406</b>  <b>5TG2026-1</b> <b>5TG2026-2</b>  <b>5TG2027-1</b> <b>5TG2027-2</b>
<b>Note</b> <ul style="list-style-type: none"> <li>• The cover plate for the UAE outlet box can be combined with inserts AMJ45 and UMJ45 Up 0 (without central plate) from Telegärtner</li> </ul>				





	Version	Order No.																																										
	<p><b>Cover plates, for Modular Jack support plate</b></p> <ul style="list-style-type: none"> <li>• Cover plates with shutter</li> <li>• For Modular Jack support plates</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul> <table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td colspan="3"><i>Modular Jack support plates</i></td> </tr> <tr> <td>• Red inserts</td> <td><i>Functions / Data and Communication Systems</i></td> <td>13/3</td> </tr> <tr> <td>• Black inserts</td> <td><i>dto.</i></td> <td>13/3</td> </tr> <tr> <td>• Yellow inserts</td> <td><i>dto.</i></td> <td>13/4</td> </tr> <tr> <td>• Orange inserts</td> <td><i>dto.</i></td> <td>13/4</td> </tr> <tr> <td>• Blue inserts</td> <td><i>dto.</i></td> <td>13/4</td> </tr> <tr> <td>• Brown inserts</td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• Green inserts</td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• Transparent inserts</td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• White inserts</td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• Grey inserts</td> <td><i>dto.</i></td> <td>13/6</td> </tr> <tr> <td>• Silver inserts</td> <td><i>dto.</i></td> <td>13/6</td> </tr> <tr> <td>• Beige inserts</td> <td><i>dto.</i></td> <td>13/6</td> </tr> </tbody> </table>	Inserts	Section	Page	<i>Modular Jack support plates</i>			• Red inserts	<i>Functions / Data and Communication Systems</i>	13/3	• Black inserts	<i>dto.</i>	13/3	• Yellow inserts	<i>dto.</i>	13/4	• Orange inserts	<i>dto.</i>	13/4	• Blue inserts	<i>dto.</i>	13/4	• Brown inserts	<i>dto.</i>	13/5	• Green inserts	<i>dto.</i>	13/5	• Transparent inserts	<i>dto.</i>	13/5	• White inserts	<i>dto.</i>	13/5	• Grey inserts	<i>dto.</i>	13/6	• Silver inserts	<i>dto.</i>	13/6	• Beige inserts	<i>dto.</i>	13/6	<p>5TG2056 5TG2057 5TG2124 5TG2125</p>
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5TG2056		<p>5TG2078</p> <p>5TG2080 5TG2081 5TG2082 5TG2083 5TG2084 5TG2058 5TG2058-1 5TG2058-2 5TG2058-3 5TG2058-4 5TG2098</p>																																										
	<p><b>Cover plates with BNC connection, double</b></p> <ul style="list-style-type: none"> <li>• With socket contacts</li> <li>• 75 Ω</li> <li>• For screw and claw fixing</li> <li>• Crimp connection</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>	<p>5TG2068 5TG2067</p>																																										
5TG2068																																												

## i-system


2

## TV / RF / SAT

## Selection and ordering data

Version	Order No.												
<b>General information</b> <ul style="list-style-type: none"> <li>Degree of protection: IP20</li> <li>Size of cover plates: 55 mm x 55 mm</li> </ul>													
<b>Cover plates for TV/RF/SAT connection, 2-hole version</b>													
<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> <li>Aluminum metallic (similar to RAL 9006)</li> <li>Carbon metallic (similar to RAL 7016)</li> </ul>													
	<table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>• Aerial branch-circuit boxes</td> <td><i>Functions / Data and Communication Systems</i> <i>dto.</i></td> <td>13/2</td> <td><b>5TG2485</b></td> </tr> <tr> <td>• Aerial through-way boxes/terminal boxes</td> <td></td> <td>13/2</td> <td><b>5TG2484</b></td> </tr> </tbody> </table>	Inserts	Section	Page	Order No.	• Aerial branch-circuit boxes	<i>Functions / Data and Communication Systems</i> <i>dto.</i>	13/2	<b>5TG2485</b>	• Aerial through-way boxes/terminal boxes		13/2	<b>5TG2484</b>
	Inserts	Section	Page	Order No.									
• Aerial branch-circuit boxes	<i>Functions / Data and Communication Systems</i> <i>dto.</i>	13/2	<b>5TG2485</b>										
• Aerial through-way boxes/terminal boxes		13/2	<b>5TG2484</b>										
5TG2561	<b>5TG2561</b> <b>5TG2591</b> <b>5TG1253</b> <b>5TG1223</b>												
<b>Cover plates for TV/RF/SAT connection, 3-hole version</b>													
<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> <li>Aluminum metallic (similar to RAL 9006)</li> <li>Carbon metallic (similar to RAL 7016)</li> </ul>													
	<b>5TG2548-2</b> <b>5TG2528-2</b> <b>5TG1252-2</b> <b>5TG1222-2</b>												
5TG2548-2													
<b>Cover plate, for TV/RF/SAT connection, 4-hole version, symmetrical</b> <ul style="list-style-type: none"> <li>With double SAT connection</li> <li>For 4-hole antenna sockets, such as those from Hirschman</li> </ul>													
<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> </ul>													
	<b>5TG2565</b> <b>5TG2595</b>												
<b>Cover plate, for TV/RF/SAT connection, 4-hole version, unsymmetrical</b> <ul style="list-style-type: none"> <li>With double SAT connection</li> <li>For 4-hole antenna sockets, such as those from Ankaro or Astro</li> </ul>													
<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> </ul>													
	<b>5TG2565-1</b> <b>5TG2595-1</b>												



## Selection and ordering data

Version	Order No.
 <p><b>Socket outlets for equipotential bonding, double</b></p> <ul style="list-style-type: none"> <li>• Size of cover plates: 55 mm x 55 mm</li> <li>• For screw fixing to DIN 42801</li> <li>• For cables 1 x 6 mm<sup>2</sup> and 4 x 2.5 mm<sup>2</sup></li> <li>• Screw terminals</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> <p>Note</p> <p>With angled connector according to DIN 42801.</p>	<p><b>5TG2564</b></p> <p><b>5TG2594</b></p>

5TG2564

## Module carriers for DELTA line and DELTA miro

## Selection and ordering data

Version	Order No.
 <p><b>Module carriers, 1M</b></p> <ul style="list-style-type: none"> <li>• For holding one m-system module</li> <li>• For screw fixing</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul> <p>Note</p> <p><i>For module inserts, see ...</i></p>	<p><b>5TG2008</b></p> <p><b>5TG2094</b></p> <p><b>5TG2096</b></p>
<p>Section</p> <p><i>Design / m-system / Modules for commu- nication</i></p> <p><i>Design / m-system / Other modules</i></p>	<p>Page (ff.)</p> <p><i>7/6</i></p> <p><i>7/7</i></p>
 <p><b>Module carriers, 2M</b></p> <ul style="list-style-type: none"> <li>• For holding two m-system modules</li> <li>• For screw fixing</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul> <p>Note</p> <p><i>For module inserts, see ...</i></p>	<p><b>5TG2010</b></p> <p><b>5TG2095</b></p> <p><b>5TG2097</b></p>
<p>Section</p> <p><i>Design / m-system / Modules for commu- nication</i></p> <p><i>Design / m-system / Other modules</i></p>	<p>Page (ff.)</p> <p><i>7/6</i></p> <p><i>7/7</i></p>

5TG2008

5TG2010

## i-system


2

## School program

## Selection and ordering data

Version	Order No.										
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• Size of rockers: 55 mm x 55 mm</li> <li>• Screw-on rockers, tools required for dismantling</li> <li>• Degree of protection: IP20</li> </ul> <p><b>Note</b></p> <p>All the screw-on cover plates of the DELTA i-system product range can also be used with the school program</p>											
<p><b>Rockers, neutral, with fixing screw</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> <p>Inserts</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Functions / Switching/Pushbutton Control/Dimming</td> <td>9/3</td> </tr> <tr> <td>dto.</td> <td>9/4</td> </tr> <tr> <td>dto.</td> <td>9/8</td> </tr> </tbody> </table>	Section	Page	Functions / Switching/Pushbutton Control/Dimming	9/3	dto.	9/4	dto.	9/8	<p>5TG6261</p> <p>5TG6291</p> <p>5TA2131</p> <p>5TA2132</p> <p>5TD2125</p>		
Section	Page										
Functions / Switching/Pushbutton Control/Dimming	9/3										
dto.	9/4										
dto.	9/8										
<p><b>Rockers with fixing screw and window</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> <p>Inserts</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Functions / Switching/Pushbutton Control/Dimming</td> <td>9/6</td> </tr> <tr> <td>dto.</td> <td>9/3</td> </tr> <tr> <td>dto.</td> <td>9/4</td> </tr> <tr> <td>dto.</td> <td>9/8</td> </tr> </tbody> </table>	Section	Page	Functions / Switching/Pushbutton Control/Dimming	9/6	dto.	9/3	dto.	9/4	dto.	9/8	<p>5TG6260</p> <p>5TG6290</p> <p>5TA2130</p> <p>5TA2131</p> <p>5TA2132</p> <p>5TD2125</p>
Section	Page										
Functions / Switching/Pushbutton Control/Dimming	9/6										
dto.	9/3										
dto.	9/4										
dto.	9/8										
<p><b>Rockers, double, neutral, with fixing screws</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> <p>Inserts</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Functions / Switching/Pushbutton Control/Dimming</td> <td>9/7</td> </tr> </tbody> </table>	Section	Page	Functions / Switching/Pushbutton Control/Dimming	9/7	<p>5TG6265</p> <p>5TG6295</p> <p>5TA2128</p>						
Section	Page										
Functions / Switching/Pushbutton Control/Dimming	9/7										
<p><b>Rockers with fixing screw, "Light" symbol and window</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul> <p>Inserts</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Functions / Switching/Pushbutton Control/Dimming</td> <td>9/8</td> </tr> <tr> <td>dto.</td> <td>9/6</td> </tr> <tr> <td>dto.</td> <td>9/3</td> </tr> <tr> <td>dto.</td> <td>9/4</td> </tr> </tbody> </table>	Section	Page	Functions / Switching/Pushbutton Control/Dimming	9/8	dto.	9/6	dto.	9/3	dto.	9/4	<p>5TG6266</p> <p>5TG6296</p> <p>5TD2125</p> <p>5TA2130</p> <p>5TA2131</p> <p>5TA2132</p>
Section	Page										
Functions / Switching/Pushbutton Control/Dimming	9/8										
dto.	9/6										
dto.	9/3										
dto.	9/4										



## Selection and ordering data

Version	Order No.										
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw and claw fixing</li> <li>• Degree of protection: IP20</li> <li>• Size of cover plates: 55 mm x 55 mm</li> </ul>											
 <p><b>Blanking cover plates</b> Including supporting frame</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>	<p>5TG2558</p> <p>5TG2558 5TG2588 5TG1250 5TG1220</p>										
 <p><b>Outlet plates</b> Including supporting frame with strain relief</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>	<p>5TG2566</p> <p>5TG2566 5TG2596 5TG1251 5TG1221</p>										
 <p><b>LED light signals</b></p> <ul style="list-style-type: none"> <li>• Supply voltage 90 ... 240 V AC, 50/60Hz</li> <li>• Power consumption: 1 W</li> <li>• Can be fitted horizontally or vertically</li> <li>• Opaque-white</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• White, illuminated</li> <li>• Blue, illuminated</li> <li>• Red, illuminated</li> <li>• Green, illuminated</li> </ul>	<p>5TG9880-3</p> <p>5TG9880-3 5TG9880-4 5TG9880-5 5TG9880-6</p>										
<p>Notes</p> <ul style="list-style-type: none"> <li>• For module carriers for DELTA line and DELTA miro, see ...</li> <li>• Module carriers for DELTA profil, see ...</li> <li>• For module carriers for DELTA style, see ...</li> <li>• For Technical specifications, see ...</li> </ul>	<table border="1"> <thead> <tr> <th>Abschnitt</th> <th>Seite</th> </tr> </thead> <tbody> <tr> <td><i>Design / m-system / Module carriers for DELTA line and DELTA miro</i></td> <td>7/4</td> </tr> <tr> <td><i>Design / m-system / Module carriers for the DELTA profil</i></td> <td>7/5</td> </tr> <tr> <td><i>Design / m-system / Module carriers for DELTA style</i></td> <td>7/5</td> </tr> <tr> <td><i>Technical information / m-system / LED light signals</i></td> <td>16/50</td> </tr> </tbody> </table>	Abschnitt	Seite	<i>Design / m-system / Module carriers for DELTA line and DELTA miro</i>	7/4	<i>Design / m-system / Module carriers for the DELTA profil</i>	7/5	<i>Design / m-system / Module carriers for DELTA style</i>	7/5	<i>Technical information / m-system / LED light signals</i>	16/50
Abschnitt	Seite										
<i>Design / m-system / Module carriers for DELTA line and DELTA miro</i>	7/4										
<i>Design / m-system / Module carriers for the DELTA profil</i>	7/5										
<i>Design / m-system / Module carriers for DELTA style</i>	7/5										
<i>Technical information / m-system / LED light signals</i>	16/50										
 <p><b>Cover plates for flush-mounting control devices</b> For screw fixing</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- For 18.5mm Ø</li> <li>- For 22.5 mm Ø (DIN 43696)</li> </ul> </li> <li>• Electrical white (RAL 1013) <ul style="list-style-type: none"> <li>- For 18.5mm Ø</li> <li>- For 22.5 mm Ø (DIN 43696)</li> </ul> </li> </ul>	<p>5TG2567</p> <p>5TG2567 5TG2568</p> <p>5TG2597 5TG2598</p>										
<p>Note</p> <p>EMERGENCY-STOP pushbutton, see ...</p>	<table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Automation Technology / Industrial Switchgear / Control and Signaling Devices / Pushbuttons and LEDs</i></td> <td>--</td> </tr> </tbody> </table>	Section	Page	<i>Automation Technology / Industrial Switchgear / Control and Signaling Devices / Pushbuttons and LEDs</i>	--						
Section	Page										
<i>Automation Technology / Industrial Switchgear / Control and Signaling Devices / Pushbuttons and LEDs</i>	--										

## i-system

2

## Add-on devices







	Version	Order No.
	<p><b>Cover plates for subminiature connectors</b></p> <ul style="list-style-type: none"> <li>• Acc. to DIN 41524/41529</li> <li>• Acc. to DIN 45322/45325/45326/45327/45328/45329</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>	<p><b>5TG2577</b> <b>5TG2547</b></p>
	<p><b>Volume control</b></p> <ul style="list-style-type: none"> <li>• 3 W, 27 Ω, mono</li> <li>• For loudspeaker systems</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>	<p><b>5TG4815</b> <b>5TG4823</b></p>

5TG2577

5TG4815










## Selection and ordering data




Version	Order No.																							
<b>Accessories for rockers</b>																								
 <p><b>Sheets of pictographs, for single rockers with labeling field</b></p>	<b>5TG1136</b>																							
5TG1136																								
 <p><b>Sheets of pictographs, for double rockers with labeling field</b></p>	<b>5TG1137</b>																							
5TG1137																								
 <p><b>Labeling field inserts "Heating Switch"</b> (inscription in German) for rockers with labeling field</p>	<b>5TG1138</b>																							
5TG1138																								
 <p><b>IP44 sets of seals for rockers</b></p> <ul style="list-style-type: none"> <li>• For single or double rockers</li> <li>• One set contains four insert seals</li> </ul>	<b>5TG4324</b>																							
5TG4324																								
 <p><b>LED light inserts, for switch and pushbutton inserts</b> For all rockers with windows</p> <table border="1"> <thead> <tr> <th>Fluorescent color</th> <th>Rated voltage</th> <th>Power consumption in mA</th> </tr> </thead> <tbody> <tr> <td rowspan="4">• Red</td> <td>8 V AC</td> <td>2</td> </tr> <tr> <td>12 V AC</td> <td>2</td> </tr> <tr> <td>24 V AC</td> <td>2</td> </tr> <tr> <td>230 V AC</td> <td>1</td> </tr> <tr> <td rowspan="2">• Orange</td> <td>- Normal 230 V AC</td> <td>0.9</td> </tr> <tr> <td>- Strong 230 V AC</td> <td>1.0</td> </tr> <tr> <td>• White</td> <td>230 V AC</td> <td>1.1</td> </tr> <tr> <td>• Blue</td> <td>230 V AC</td> <td>1.1</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> <li>• The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already.</li> <li>• If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.</li> </ul>	Fluorescent color	Rated voltage	Power consumption in mA	• Red	8 V AC	2	12 V AC	2	24 V AC	2	230 V AC	1	• Orange	- Normal 230 V AC	0.9	- Strong 230 V AC	1.0	• White	230 V AC	1.1	• Blue	230 V AC	1.1	<b>5TG7315</b> <b>5TG7316</b> <b>5TG7317</b> <b>5TG7353</b>  <b>5TG7333</b> <b>5TG7343</b> <b>5TG7354</b> <b>5TG7355</b>
Fluorescent color	Rated voltage	Power consumption in mA																						
• Red	8 V AC	2																						
	12 V AC	2																						
	24 V AC	2																						
	230 V AC	1																						
• Orange	- Normal 230 V AC	0.9																						
	- Strong 230 V AC	1.0																						
• White	230 V AC	1.1																						
• Blue	230 V AC	1.1																						
5TG7315																								
 <p><b>Glow lamps for switch and pushbutton inserts</b> 230 V AC</p> <table border="1"> <thead> <tr> <th>Luminosity</th> <th>Power consumption</th> <th>Base color</th> </tr> </thead> <tbody> <tr> <td>Weak</td> <td>0.18 mA</td> <td>White</td> </tr> </tbody> </table>	Luminosity	Power consumption	Base color	Weak	0.18 mA	White	<b>5TG7321</b>																	
Luminosity	Power consumption	Base color																						
Weak	0.18 mA	White																						
5TG7321																								

## i-system

2

## Accessories and spare parts

Version	Order No.
<b>Accessories for socket outlets</b>	
 <p><b>IP44 seals, for socket outlets</b></p> <ul style="list-style-type: none"> <li>• For SCHUKO® socket outlet with hinge switch</li> <li>• 1 set contains a single seal</li> </ul>	5TG4318
<p>5TG4318</p>  <p><b>Label sheets "SV"</b></p> <ul style="list-style-type: none"> <li>• For marking the inserts</li> <li>• 1 sheet contains 20 self-adhesive labels</li> </ul>	5UH1084
<p>5UH1084</p>  <p><b>Label sheets "ZSV"</b></p> <ul style="list-style-type: none"> <li>• For marking the inserts</li> <li>• 1 sheet contains 20 self-adhesive labels</li> </ul>	5UH1085
<p>5UH1085</p>  <p><b>Label sheets "WSV"</b></p> <ul style="list-style-type: none"> <li>• For marking the inserts</li> <li>• 1 sheet contains 20 self-adhesive labels</li> </ul>	5UH1086
<p>5UH1086</p>	
<b>Accessories for dimmers</b>	
 <p><b>Spare fuses</b> 250 V</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• T 1.6 H 250 V <ul style="list-style-type: none"> <li>- For incandescent lamp dimmers, 50 ... 400 W (5TC8256)</li> <li>- For sensor dimmers, with/without memory function, 20 ... 400 W (5TC8240/5TC8232)</li> </ul> </li> <li>• T 2.5 H 250 V <ul style="list-style-type: none"> <li>- For incandescent lamp dimmers, 50 ... 600 W (5TC8257)</li> </ul> </li> <li>• T 4 H 250 V <ul style="list-style-type: none"> <li>- For low-voltage dimmers for magnetic transformers (5TC8283)</li> <li>- For electronic potentiometers (5TC8424 and 5TC8420)</li> <li>- For speed controller (5TC8604)</li> </ul> </li> </ul>	<p>5TG8302</p> <p>5TG8305</p> <p>5TG8330</p>
<b>Spare parts</b>	
 <p><b>Spare glow lamps for light signals</b> 250 V AC</p>	5TG7301
<p>5TG7301</p>  <p><b>Spare glow lamps for SCHUKO® socket outlets with status display</b> 1.5 mA, 230 V AC/50 Hz</p> <p>5TG7304</p>	5TG7304

	Version	Order No.						
	<p><b>Spare overvoltage protection modules</b> For SCHUKO® socket outlets with overvoltage protection</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection</i></td> <td>16/12</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection</i>	16/12	5UH1300
Note	Section	Page						
For Technical specifications, see ...	<i>Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection</i>	16/12						
<p>5UH1300</p> 	<p><b>Spare window sets for light signals and for switch and pushbutton inserts</b> 1 set contains two glass clear, two red and two white spare windows</p>	5TG4200						
<p>5TG4200</p> 	<p><b>DELTA Profi-Box <span style="color: orange;">NEW</span></b> 4 different Profi-box kits with different material combinations. This box contains the most common materials used in construction work. The Delta Line series products in titan white are packed in a sturdy cardboard box. This practical packaging facilitates transport, storage and allows for quick handling. In addition, the inserts and rockers or covers are packed separately, making installation easier.</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• 100 units, two-way switch, 5TA2156 100 units, wide rocker, titan white, 5TG6201</li> <li>• 390 units, DELTA line, 1-gang frame, titan white, 5TG2551-0</li> <li>• 100 units, Schuko® socket, screwless terminal, claws, 5UB1101 100 units, Schuko® cover, titan white, 5UH1044</li> <li>• 100 units, Schuko® socket, screwless terminal, claws, 5UB1101 100 units, Schuko® cover, child protection, titan white, 5UH1080</li> </ul>	<p>5TA2156-0KA</p> <p>5TG2551-0KA</p> <p>5UB1511-0KA</p> <p>5UB1518-0KA</p>						



## DELTA line



3/2	<b>Introduction</b>
3/5	<b>Frames</b>
3/6	<b>Socket outlets</b>
3/7	<b>Surface-mounting enclosures</b>
3/8	<b>Accessories and spare parts</b>

## DELTA line

### Introduction

3

### Overview

#### *Colors and designs of the DELTA line product range*



Titanium white



Electrical white

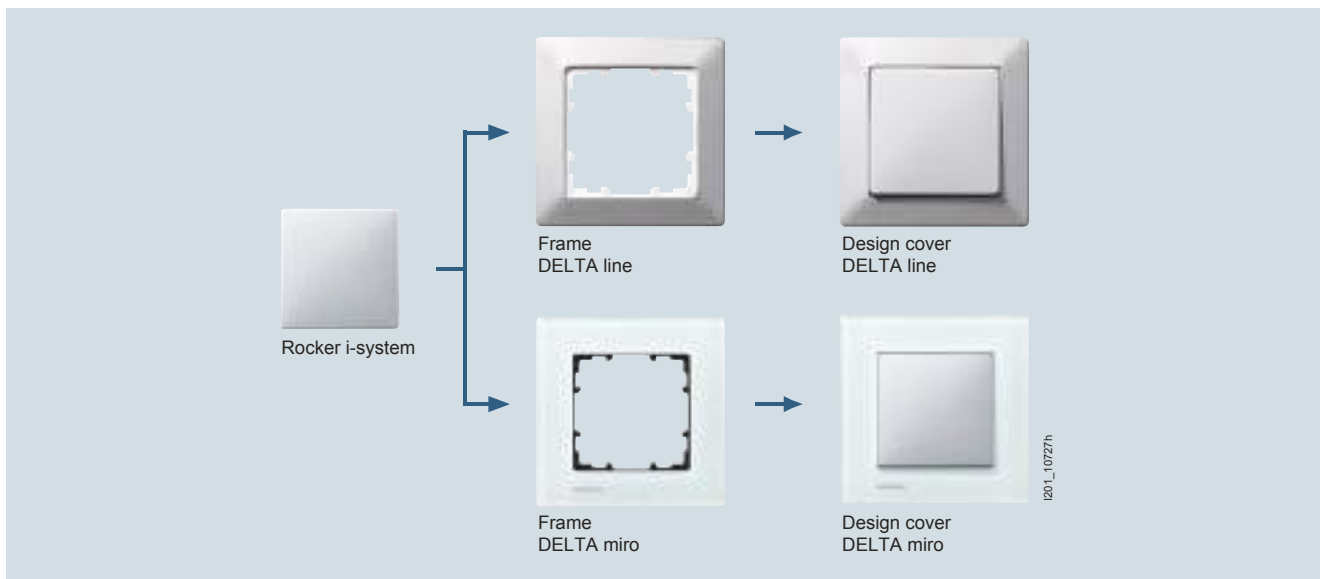


Aluminum metallic



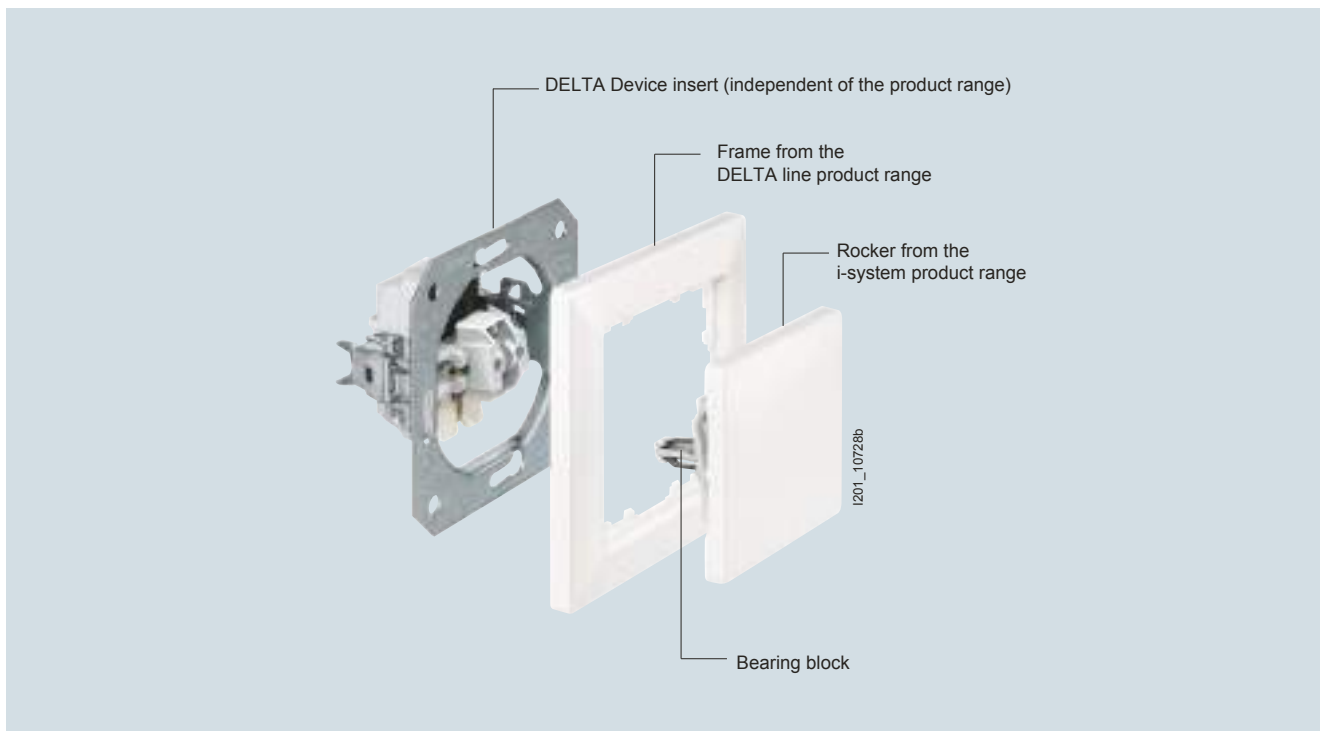
Carbon metallic

**Modular components of the i-system with DELTA line 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.

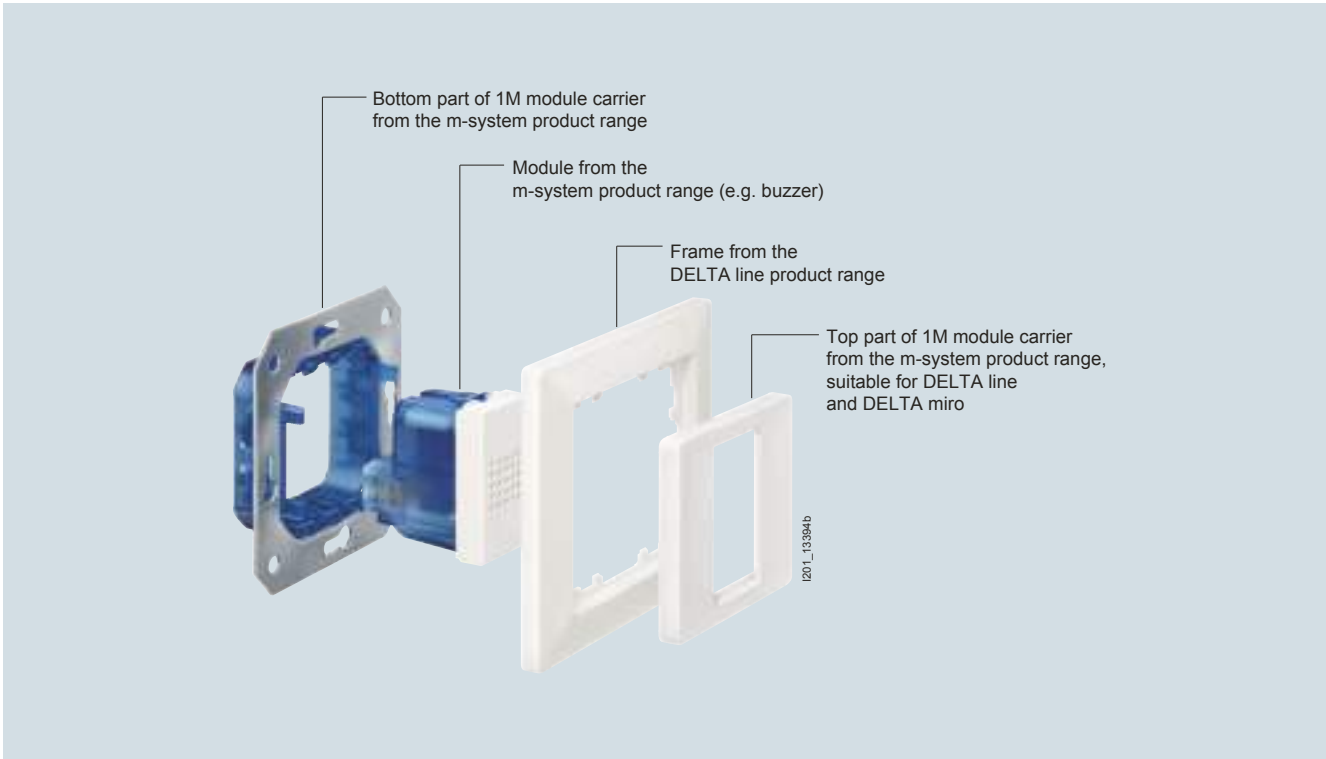


Modular components of the i-system with DELTA line

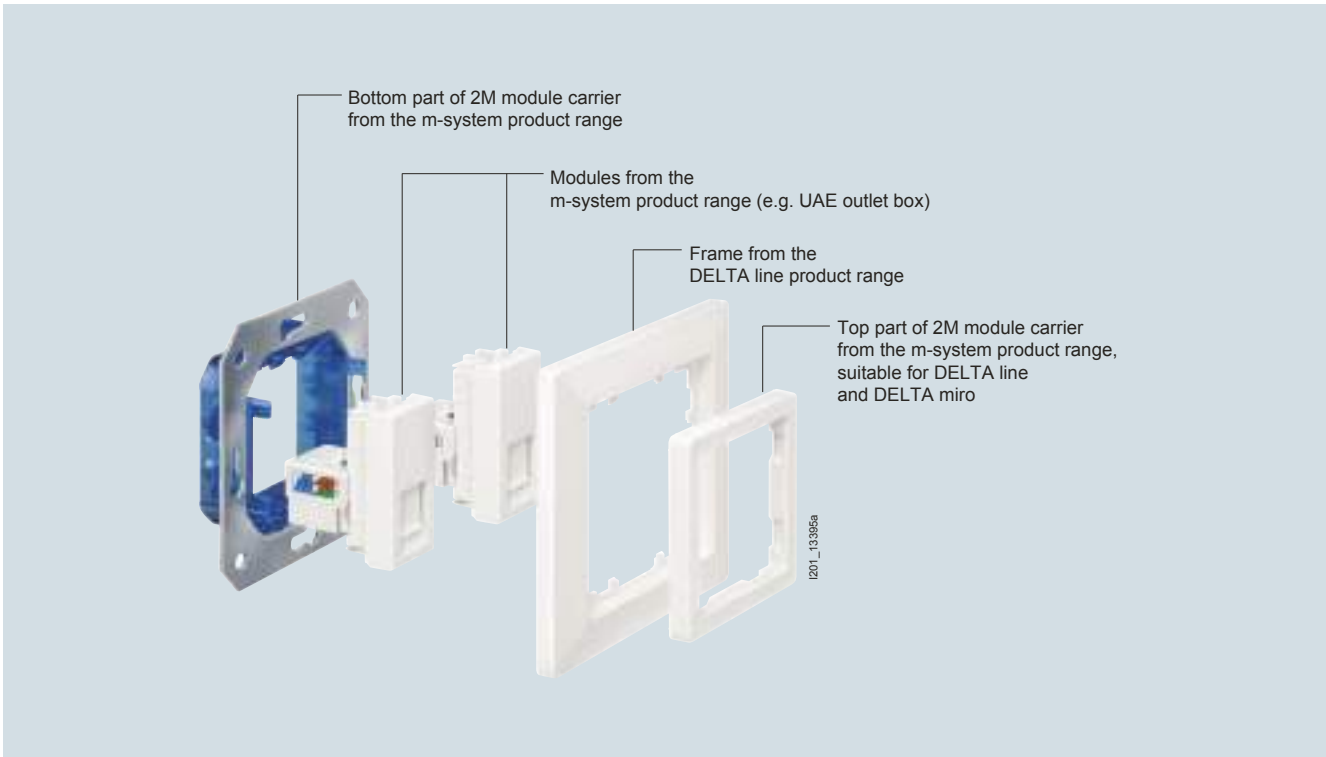
# DELTA line

## Introduction

3






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



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



## Selection and ordering data



Version	Order No.									
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For horizontal and vertical mounting</li> <li>• Degree of protection: IP20</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• All components of the i-system product range can be used as central inserts and cover plates, see ...</td> <td><i>Design / i-system</i></td> <td>2/3</td> </tr> <tr> <td>• Degree of protection IP44 for rockers can be achieved with the <i>IP44 set of seals, for rockers, see ...</i></td> <td><i>Design / i-system / Accessories and spare parts</i></td> <td>2/31</td> </tr> </tbody> </table>	Note	Section	Page	• All components of the i-system product range can be used as central inserts and cover plates, see ...	<i>Design / i-system</i>	2/3	• Degree of protection IP44 for rockers can be achieved with the <i>IP44 set of seals, for rockers, see ...</i>	<i>Design / i-system / Accessories and spare parts</i>	2/31	5TG4324
Note	Section	Page								
• All components of the i-system product range can be used as central inserts and cover plates, see ...	<i>Design / i-system</i>	2/3								
• Degree of protection IP44 for rockers can be achieved with the <i>IP44 set of seals, for rockers, see ...</i>	<i>Design / i-system / Accessories and spare parts</i>	2/31								
<p><b>Frames, 80 mm</b></p> <p>Versions</p>										
 <p>5TG2551-0</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- Single, 80 mm x 80 mm</li> <li>- Double, 151 mm x 80 mm</li> <li>- Triple, 222 mm x 80 mm</li> <li>- Quadruple, 293 mm x 80 mm</li> <li>- Quintuple, 364 mm x 80 mm</li> </ul> </li> <li>• Electrical white (RAL 1013) <ul style="list-style-type: none"> <li>- Single, 80 mm x 80 mm</li> <li>- Double, 151 mm x 80 mm</li> <li>- Triple, 222 mm x 80 mm</li> <li>- Quadruple, 293 mm x 80 mm</li> <li>- Quintuple, 364 mm x 80 mm</li> </ul> </li> <li>• Aluminum metallic (similar to RAL 9006) <ul style="list-style-type: none"> <li>- Single, 80 mm x 80 mm</li> <li>- Double, 151 mm x 80 mm</li> <li>- Triple, 222 mm x 80 mm</li> <li>- Quadruple, 293 mm x 80 mm</li> <li>- Quintuple, 364 mm x 80 mm</li> </ul> </li> <li>• Carbon metallic (similar to RAL 7016) <ul style="list-style-type: none"> <li>- Single, 80 mm x 80 mm</li> <li>- Double, 151 mm x 80 mm</li> <li>- Triple, 222 mm x 80 mm</li> <li>- Quadruple, 293 mm x 80 mm</li> <li>- Quintuple, 364 mm x 80 mm</li> </ul> </li> </ul>	5TG2551-0 5TG2552-0 5TG2553-0 5TG2554-0 5TG2555-0 5TG2581-0 5TG2582-0 5TG2583-0 5TG2584-0 5TG2585-0 5TG2551-3 5TG2552-3 5TG2553-3 5TG2554-3 5TG2555-3 5TG2551-6 5TG2552-6 5TG2553-6 5TG2554-6 5TG2555-6									
<p><b>Frames, 80 mm, with labeling field</b></p> <p>Versions</p>										
 <p>5TG2551-1</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- Single, 80 mm x 80 mm</li> <li>- Double, 151 mm x 80 mm, horizontal</li> <li>- Double, 151 mm x 80 mm, vertical</li> <li>- Triple, 222 mm x 80 mm, horizontal</li> <li>- Triple, 222 mm x 80 mm, vertical</li> <li>- Quadruple, 293 mm x 80 mm, horizontal</li> <li>- Quadruple, 293 mm x 80 mm, vertical</li> </ul> </li> <li>• Electrical white (RAL 1013) <ul style="list-style-type: none"> <li>- Single, 80 mm x 80 mm</li> <li>- Double, 151 mm x 80 mm, horizontal</li> <li>- Double, 151 mm x 80 mm, vertical</li> <li>- Triple, 222 mm x 80 mm, horizontal</li> <li>- Triple, 222 mm x 80 mm, vertical</li> <li>- Quadruple, 293 mm x 80 mm, horizontal</li> <li>- Quadruple, 293 mm x 80 mm, vertical</li> </ul> </li> <li>• Aluminum metallic (similar to RAL 9006) <ul style="list-style-type: none"> <li>- Single, 80 mm x 80 mm</li> <li>- Double, 151 mm x 80 mm, horizontal</li> <li>- Double, 151 mm x 80 mm, vertical</li> </ul> </li> <li>• Carbon metallic (similar to RAL 7016) <ul style="list-style-type: none"> <li>- Single, 80 mm x 80 mm</li> <li>- Double, 151 mm x 80 mm, horizontal</li> <li>- Double, 151 mm x 80 mm, vertical</li> </ul> </li> </ul>	5TG2551-1 5TG2552-1 5TG2552-2 5TG2553-1 5TG2553-2 5TG2554-1 5TG2554-2 5TG2581-1 5TG2582-1 5TG2582-2 5TG2583-1 5TG2583-2 5TG2584-1 5TG2584-2 5TG2551-4 5TG2552-4 5TG2552-5 5TG2551-7 5TG2552-7 5TG2552-8									
<p><b>Intermediate frames</b></p> <p>For installation of devices with cover plates 51 mm x 51 mm according to DIN 49075</p> <p>Versions</p>										
 <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>	5TG2557 5TG2587 5TG1160 5TG1150									

## DELTA line

## Socket outlets

3

## Selection and ordering data

Version	Order No.						
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw and claw fixing</li> <li>• SCHUKO® socket outlets: 16 A, 250 V AC; 10 A, 250 V AC</li> <li>• Live parts of inserts covered by molded plastic</li> <li>• Self-retracting claws</li> <li>• The screwless terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm<sup>2</sup></li> <li>• Degree of protection: IP20</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For extension claws, see ...</td> <td><i>Functions / Switching / Pushbutton Control / Dimming / Accessories and spare parts</i></td> <td>9/14</td> </tr> </tbody> </table>	Note	Section	Page	For extension claws, see ...	<i>Functions / Switching / Pushbutton Control / Dimming / Accessories and spare parts</i>	9/14	
Note	Section	Page					
For extension claws, see ...	<i>Functions / Switching / Pushbutton Control / Dimming / Accessories and spare parts</i>	9/14					
<p><b>SCHUKO® socket outlets, 80 mm x 80 mm</b> Complete assembly, therefore no additional frame necessary</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>	<p><b>5UB1580</b> <b>5UB1581</b></p>						
 <p>5UB1580</p>							
<p><b>SCHUKO® socket outlets, 80 mm x 80 mm, with increased touch protection</b> Complete assembly, therefore no additional frame necessary</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>	<p><b>5UB1582</b> <b>5UB1583</b></p>						
 <p>5UB1582</p>							

## Selection and ordering data

Version			Order No.
<b>General information</b> <ul style="list-style-type: none"> <li>For horizontal and vertical mounting</li> <li>Degree of protection: IP20</li> </ul>			
Note	Section	Page	
• Degree of protection IP44 for rockers can be achieved with the <i>IP44 set of seals, for rockers, see ...</i>	<i>Design / i-system / Accessories and spare parts</i>	2/31	<b>5TG4324</b>
• Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an <i>IP44 seal, for socket outlets, see ...</i>	<i>Design / i-system / Accessories and spare parts</i>	2/32	<b>5TG4318</b>
<b>Surface-mounting enclosures</b> Flame-resistant base plate			
Versions			
<ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)               <ul style="list-style-type: none"> <li>Single, 84 mm x 84 mm x 42.5 mm</li> <li>Double, 155 mm x 84 mm x 42.5 mm</li> <li>Triple, 226 mm x 84 mm x 42.5 mm</li> </ul> </li> </ul>			<b>5TG2901</b> <b>5TG2902</b> <b>5TG2903</b>
<ul style="list-style-type: none"> <li>Electrical white (RAL 1013)               <ul style="list-style-type: none"> <li>Single, 84 mm x 84 mm x 42.5 mm</li> <li>Double, 155 mm x 84 mm x 42.5 mm</li> <li>Triple, 226 mm x 84 mm x 42.5 mm</li> </ul> </li> </ul>			<b>5TG2861</b> <b>5TG2862</b> <b>5TG2863</b>
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
<ul style="list-style-type: none"> <li><i>Slide nipples cable entry</i> (one set contains 10 units)               <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> </ul> </li> </ul>		<i>Accessories and spare parts</i> <i>dto.</i>	3/8
			3/8
<ul style="list-style-type: none"> <li><i>Slide nipples channel entry</i> (one set contains 10 units)               <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> </ul> </li> </ul>		<i>dto.</i>	3/8
		<i>dto.</i>	3/8





5TG2901

## DELTA line

## Accessories and spare parts

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## Selection and ordering data

	Version	Order No.
<b>Accessories for surface-mounting enclosures</b>		
 <p>5TG2905</p>	<p><b>Slide nipples cable entry</b></p> <p>One set contains 10 units</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>	<p><b>5TG2905</b></p> <p><b>5TG2865</b></p>
 <p>5TG2904</p>	<p><b>Slide nipples channel entry</b></p> <ul style="list-style-type: none"> <li>• For 15 mm x 15 mm to 19 mm x 19 mm</li> <li>• One set contains 10 units</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>	<p><b>5TG2904</b></p> <p><b>5TG2864</b></p>

## DELTA miro



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**Introduction**

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**Frames**

4/8

**Flush-mounting radios**

4

# DELTA miro

## Introduction

### Overview

#### Colors and designs of the DELTA miro product range

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#### 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



Yellow oxide/electrical white

#### DELTA miro wood Materials made of real wood



Maple red/aluminum metallic



Maple/titanium white



Beech<sup>1)</sup>/carbon metallic



Cherry<sup>1)</sup>/aluminum metallic



Wenge<sup>1)</sup>/aluminum metallic

#### DELTA miro color Plastic



Titanium white/titanium white



Electrical white/electrical white



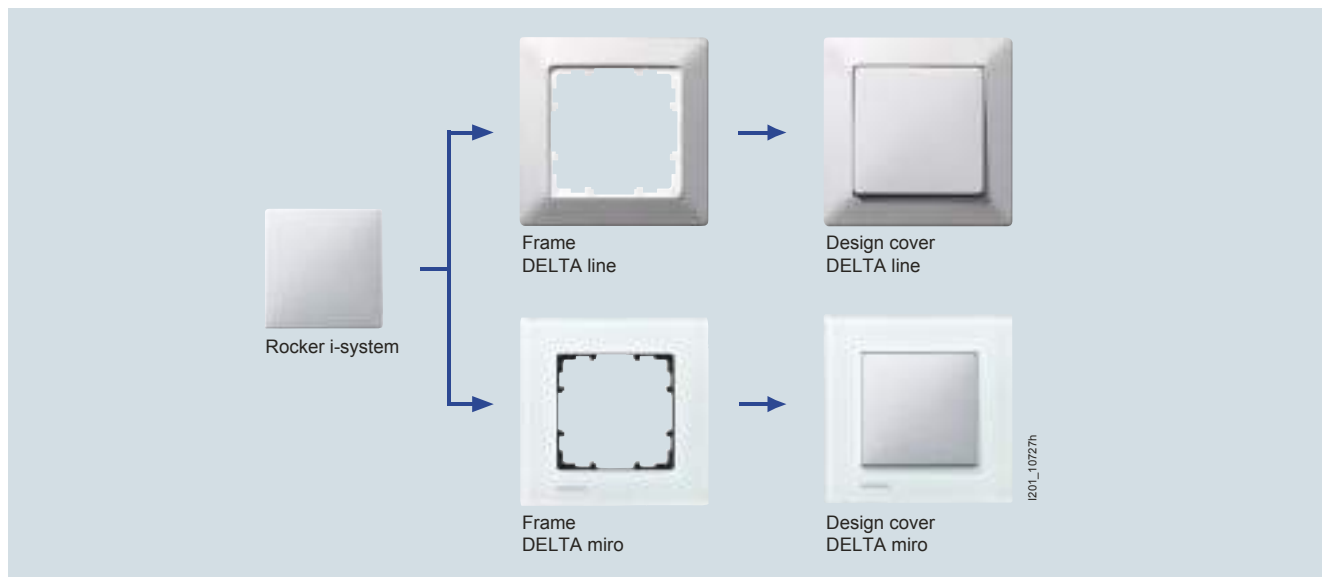
Aluminum metallic/aluminum metallic



Carbon metallic/carbon metallic

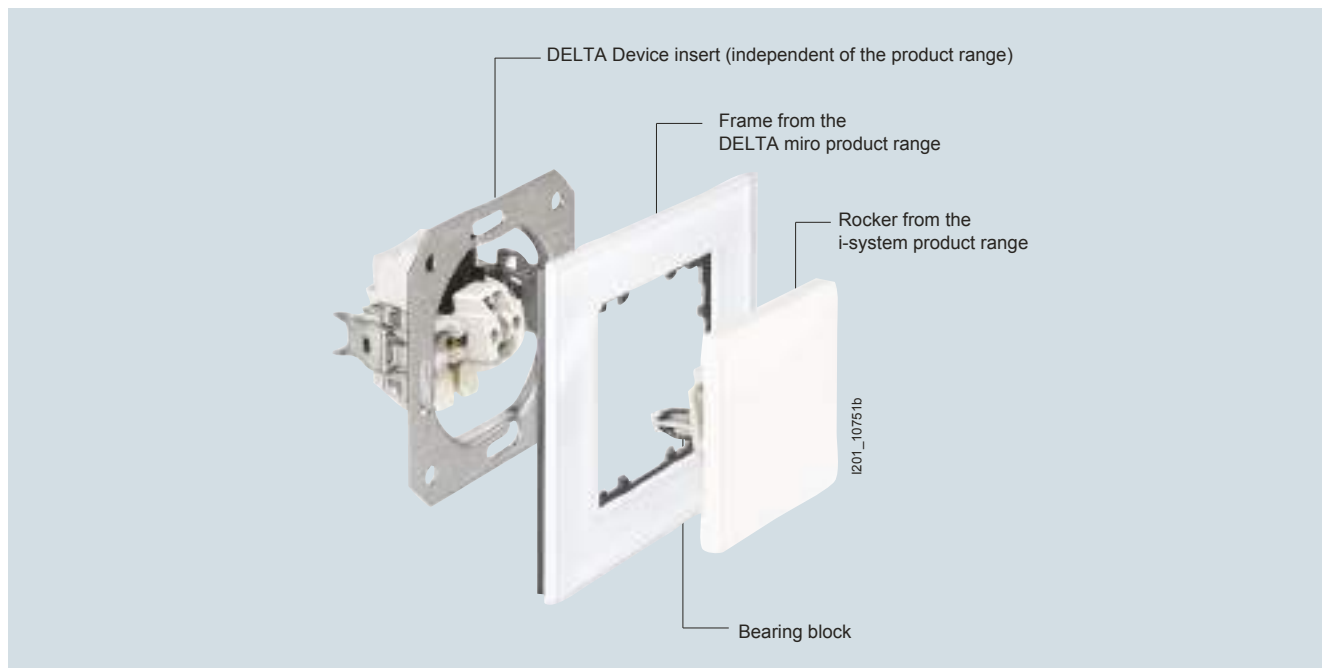
<sup>1)</sup> Color achieved through staining.

**Modular components of the i-system with DELTA line 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.

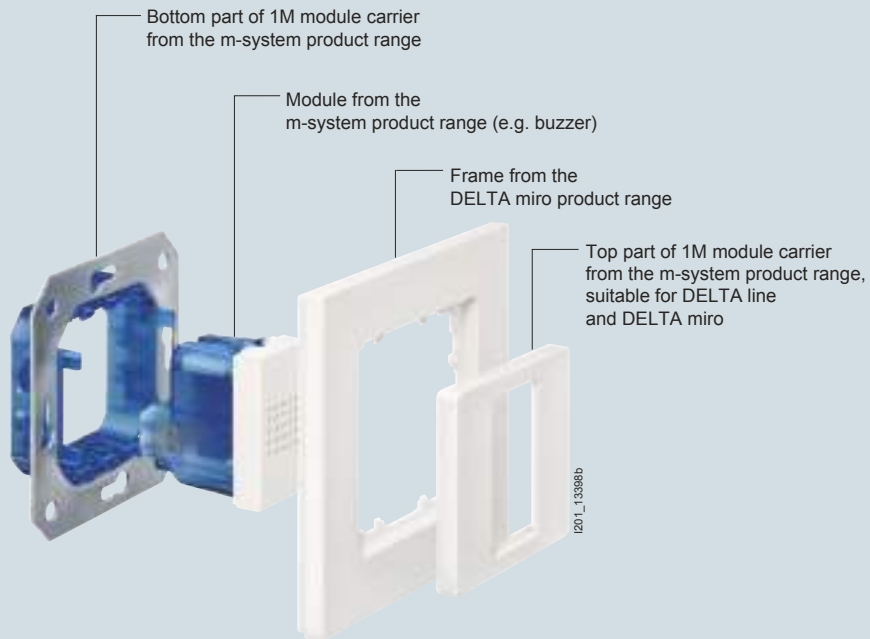


Modular components of the i-system with DELTA miro

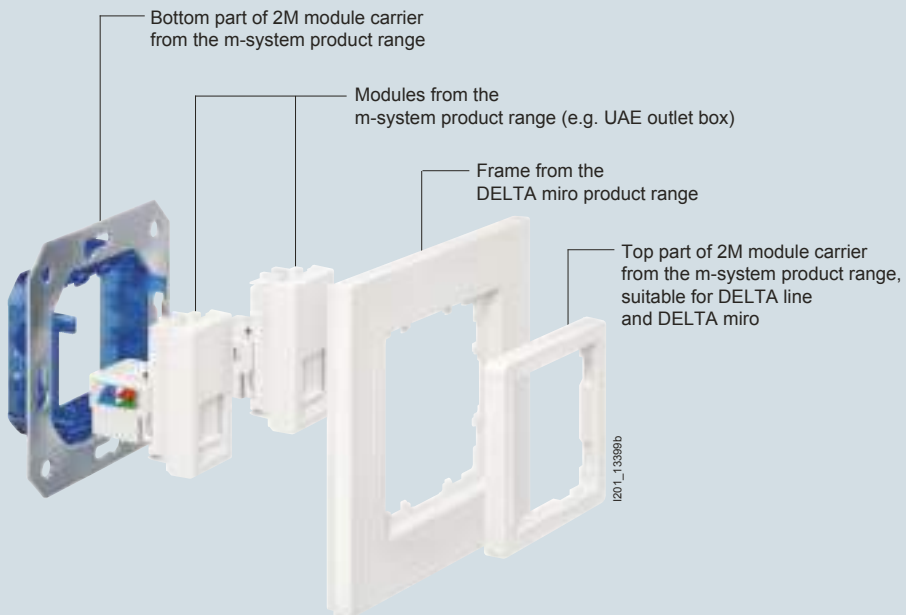
# DELTA miro

## Introduction

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



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





## Selection and ordering data



Version	Order No.												
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For horizontal and vertical mounting</li> <li>• Degree of protection: IP20</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• All components of the i-system product range can be used as central inserts and cover plates, see ...</td> <td><i>Design / i-system</i></td> <td>2/3</td> </tr> <tr> <td>• Degree of protection IP44 for rockers can be achieved with the <i>IP44 set of seals, for rockers</i>, see ...</td> <td><i>Design / i-system / Accessories and spare parts</i></td> <td>2/31</td> </tr> <tr> <td>• Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an <i>IP44 seal, for socket outlets</i>, see ...</td> <td><i>Design / i-system / Accessories and spare parts</i></td> <td>2/32</td> </tr> </tbody> </table>	Note	Section	Page	• All components of the i-system product range can be used as central inserts and cover plates, see ...	<i>Design / i-system</i>	2/3	• Degree of protection IP44 for rockers can be achieved with the <i>IP44 set of seals, for rockers</i> , see ...	<i>Design / i-system / Accessories and spare parts</i>	2/31	• Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an <i>IP44 seal, for socket outlets</i> , see ...	<i>Design / i-system / Accessories and spare parts</i>	2/32	5TG4324 5TG4318
Note	Section	Page											
• All components of the i-system product range can be used as central inserts and cover plates, see ...	<i>Design / i-system</i>	2/3											
• Degree of protection IP44 for rockers can be achieved with the <i>IP44 set of seals, for rockers</i> , see ...	<i>Design / i-system / Accessories and spare parts</i>	2/31											
• Degree of protection IP44 for SCHUKO® socket outlets with hinged lid can be achieved using an <i>IP44 seal, for socket outlets</i> , see ...	<i>Design / i-system / Accessories and spare parts</i>	2/32											
<p><b>Frames, 90 mm, real glass</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Crystal green <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> <li>• White <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> <li>• Black <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> <li>• Orient <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> <li>• Arena <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> </ul>	5TG1201 5TG1202 5TG1203 5TG1204 5TG1205 5TG1201-1 5TG1202-1 5TG1203-1 5TG1204-1 5TG1205-1 5TG1201-2 5TG1202-2 5TG1203-2 5TG1204-2 5TG1205-2 5TG1201-3 5TG1202-3 5TG1203-3 5TG1204-3 5TG1205-3 5TG1201-4 5TG1202-4 5TG1203-4 5TG1204-4 5TG1205-4												
 <p>5TG1201</p>													
<p><b>Frames, 90 mm, real glass, without Siemens logo</b></p>	5TG1201-0												
													
<p><b>Frames, 90 mm, real aluminum</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Natural <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> <li>• Yellow oxide <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> </ul>	5TG1121-0 5TG1122-0 5TG1123-0 5TG1124-0 5TG1125-0 5TG1121-3 5TG1122-3 5TG1123-3 5TG1124-3 5TG1125-3												
 <p>5TG1121-0</p>													

## DELTA miro

## Frames

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	Version	Order No.
	<b>Frames, 90 mm, real wood</b>	
	<b>Versions</b>	
	<ul style="list-style-type: none"> <li>• Maple red               <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> </ul> </li> </ul>	5TG1101-2 5TG1102-2 5TG1103-2 5TG1104-2
	<ul style="list-style-type: none"> <li>• Maple               <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> </ul> </li> </ul>	5TG1101-3 5TG1102-3 5TG1103-3 5TG1104-3
	<ul style="list-style-type: none"> <li>• Beech (color achieved through staining)               <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> </ul> </li> </ul>	5TG1101-4 5TG1102-4 5TG1103-4 5TG1104-4
	<ul style="list-style-type: none"> <li>• Cherry (color achieved through staining)               <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> </ul> </li> </ul>	5TG1101-1 5TG1102-1 5TG1103-1 5TG1104-1
5TG1101-2	<ul style="list-style-type: none"> <li>• Wenge               <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> </ul> </li> </ul>	5TG1101-0 5TG1102-0 5TG1103-0 5TG1104-0
	<b>Note</b>	
	Variations in the color of the wood are typical for this natural product.	
	<b>Frames, 90 mm, plastic</b>	
	<b>Versions</b>	
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)               <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> </ul>	5TG1111-0 5TG1112-0 5TG1113-0 5TG1114-0 5TG1115-0
	<ul style="list-style-type: none"> <li>• Electrical white (similar to RAL 1013)               <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> </ul>	5TG1111-3 5TG1112-3 5TG1113-3 5TG1114-3 5TG1115-3
	<ul style="list-style-type: none"> <li>• Aluminum metallic (similar to RAL 9006)               <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> </ul>	5TG1111-1 5TG1112-1 5TG1113-1 5TG1114-1 5TG1115-1
	<ul style="list-style-type: none"> <li>• Carbon metallic (similar to RAL 7016)               <ul style="list-style-type: none"> <li>- Single, 90 mm x 90 mm</li> <li>- Double, 161 mm x 90 mm</li> <li>- Triple, 232 mm x 90 mm</li> <li>- Quadruple, 303 mm x 90 mm</li> <li>- Quintuple, 374 mm x 90 mm</li> </ul> </li> </ul>	5TG1111-2 5TG1112-2 5TG1113-2 5TG1114-2 5TG1115-2
5TG1111-0		
	<b>Intermediate frames</b>	
	<ul style="list-style-type: none"> <li>• For installation of devices with cover plates</li> <li>• 51 mm x 51 mm according to DIN 49075</li> </ul>	
	<b>Versions</b>	
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>	5TG2557 5TG2587 5TG1160 5TG1150
5TG2557		

	Version	Order No.
 <p>5TG1206-1</p>	<p><b>Miro double schuko frames 125 mm x 81 mm, Glass</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Delta Miro, glass frame, 1-5 fold, white</li> <li>• Delta Miro, glass frame 1-5 fold, black</li> </ul>	<p><b>5TG1206-1</b> <b>5TG1206-2</b></p>
 <p>5TG1116-0</p>	<p><b>Miro double schuko frames 125 mm x 81 mm, Plastic</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Delta Miro, frame, 1-5 fold, titanium white (similar to RAL 9010)</li> <li>• Delta Miro, frame, 1-5 fold, aluminum metallic (similar to RAL 9006)</li> <li>• Delta Miro, frame, 1-5 fold, carbon metallic (similar to RAL 7016)</li> </ul>	<p><b>5TG1116-0</b> <b>5TG1116-1</b> <b>5TG1116-2</b></p>

## DELTA miro

## Flush-mounting radios

## Selection and ordering data

	Version	Order No.
	<p><b>Flush-mounting radios</b></p> <ul style="list-style-type: none"> <li>• For horizontal and vertical mounting</li> <li>• Degree of protection: IP20</li> <li>• 230 V / 50 Hz</li> <li>• Anti-slip terminals up to 2.5 mm<sup>2</sup></li> <li>• Not suitable for installation in multiple frames (triple to quintuple)</li> <li>• For installation in a double flush-mounting box (i.e. instead of the original double socket outlet)</li> </ul> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul>	
5TC1060	<p><b>Note</b></p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1060/all">http://support.automation.siemens.com/ww/view/en/5tc1060/all</a></p>	<b>5TC1060</b>
	<p><b>Product features</b></p> <ul style="list-style-type: none"> <li>• Can be mounted either horizontally or vertically due to rotating display module</li> <li>• Six freely programmable transmitter memories</li> <li>• Illuminated display (can be adjusted separately for ON/OFF mode)</li> <li>• Display of transmitter name over RDS signal</li> <li>• Display of time</li> <li>• Radio alarm clock with display of alarm time, if activated</li> <li>• Sleep timer (automatic switch-off after user-defined time)</li> <li>• Good sound quality due to high-quality loudspeaker</li> <li>• Secondary mode possible over motion detector</li> <li>• Secondary mode possible through use of pushbuttons or switches</li> </ul>	

**DELTA profil**

5/2	<b>Introduction</b>
5/5	<b>Frames</b>
5/6	<b>Switches and pushbuttons</b>
5/9	<b>Socket outlets</b>
5/11	<b>International plug-and-socket devices</b>
5/12	<b>Shutter/blind controls</b>
5/14	<b>Lighting controls</b>
5/14	<b>Room temperature controllers</b>
5/15	<b>Communication</b>
5/17	<b>TV / RF / SAT</b>
5/18	<b>Equipotential bonding</b>
5/18	<b>Surface-mounting enclosures</b>
5/18	<b>Module carriers for the m-system</b>
5/19	<b>Add-on devices</b>
5/20	<b>Accessories and spare parts</b>

## DELTA profil

### Introduction

### Overview

#### Colors and designs of the DELTA profil product range

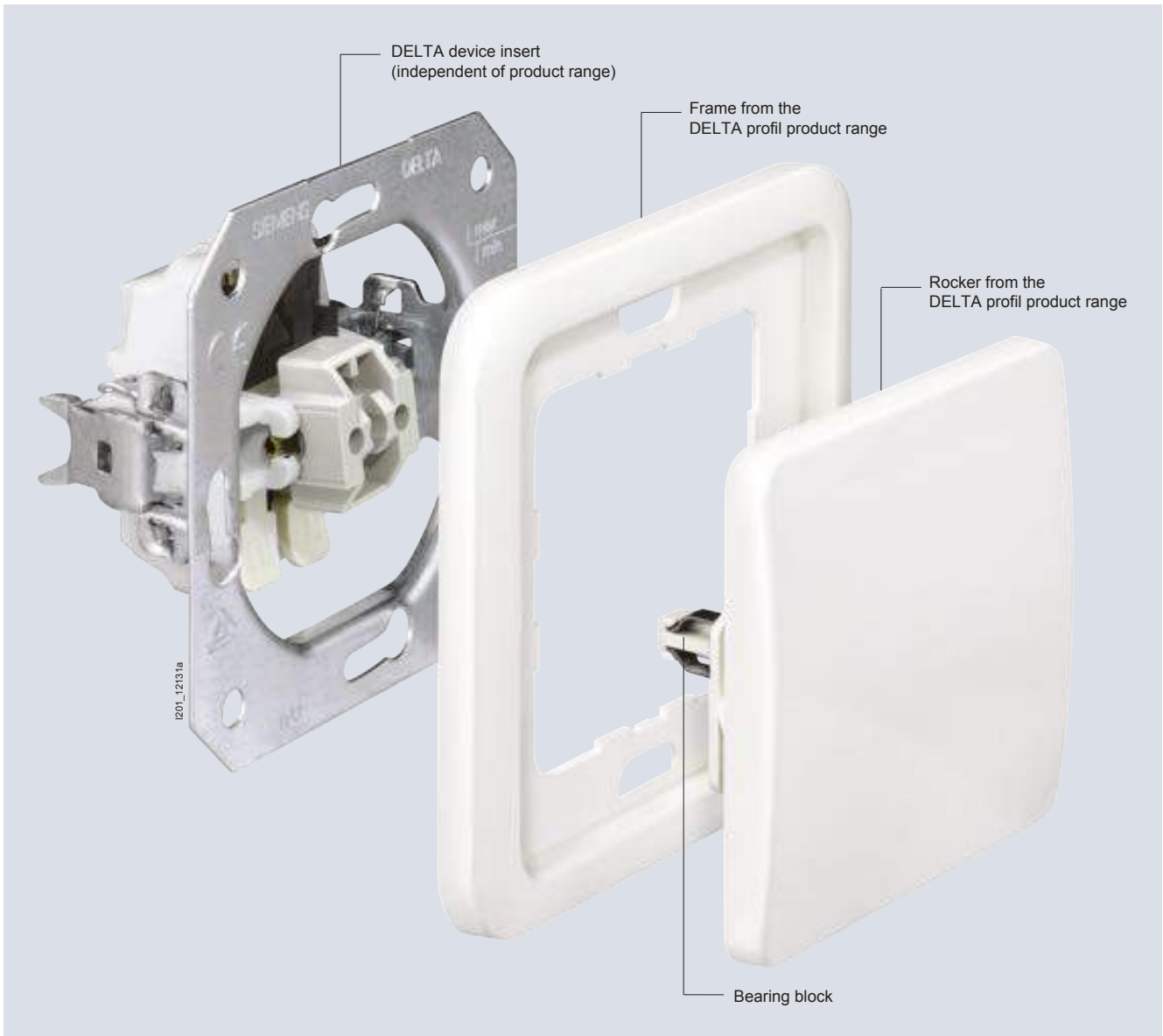


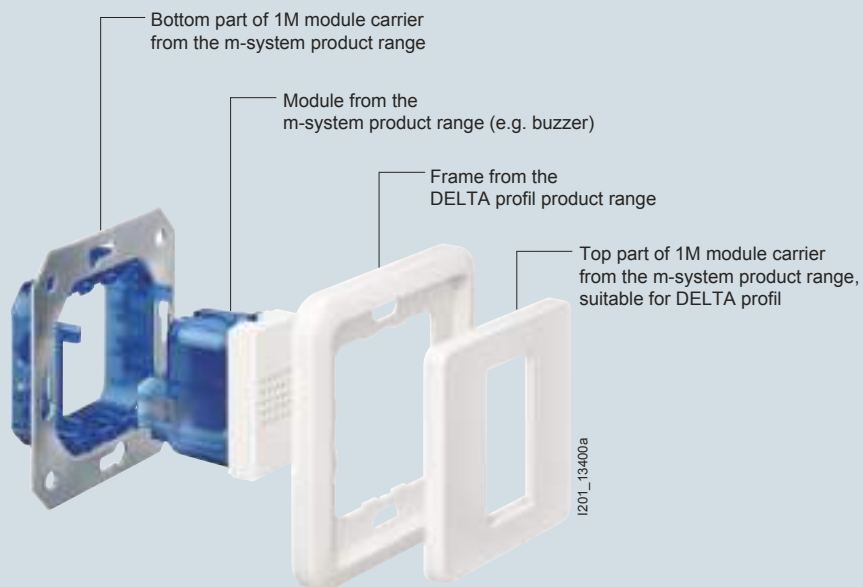
Titanium white



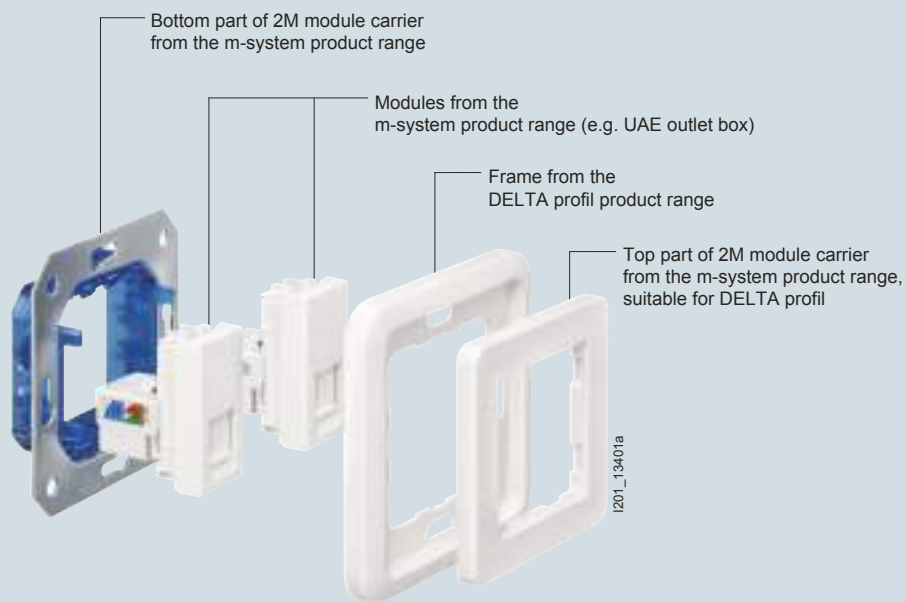
Silver

#### Technical design of the DELTA profil product range





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

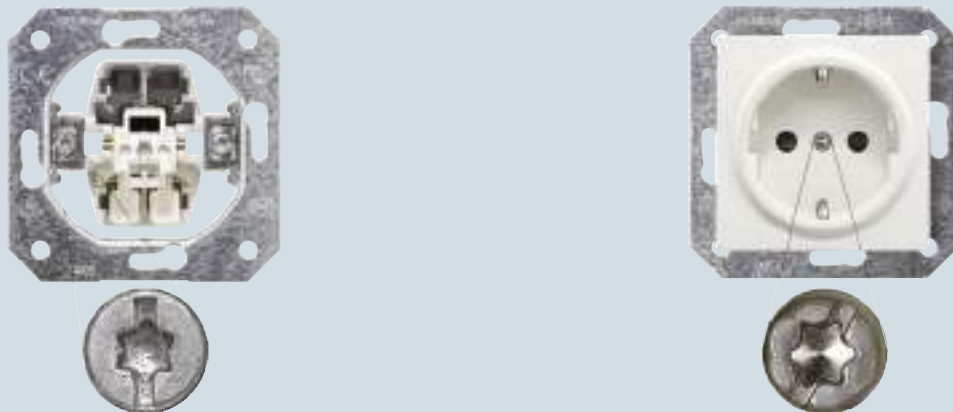


Modular components of m-system (two modules) with DELTA profil

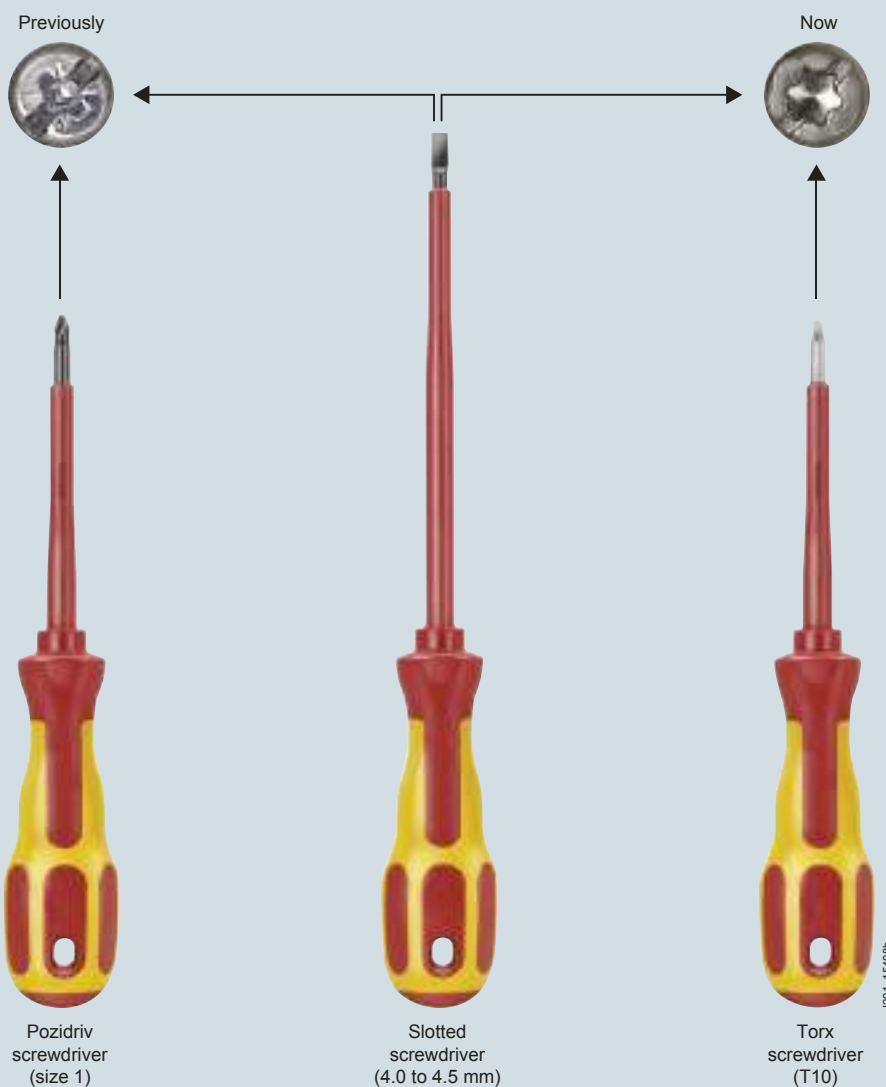
## DELTA profil

### Introduction

#### Combination screws for Torx T10 and slotted screwdrivers









All our inserts for switches and pushbuttons, and all SCHUKO® socket outlets from the DELTA product range, are equipped with the new combination screws.



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



## Selection and ordering data






	Version	Order No.
	<b>General information</b> <ul style="list-style-type: none"> <li>For horizontal and vertical mounting</li> <li>Degree of protection: IP20</li> </ul> <b>Note</b> The color silver is identical to aluminum metallic (i-system).	
 5TG1811	<b>Frames, 80 mm</b> <b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)               <ul style="list-style-type: none"> <li>Single, 80 mm x 80 mm</li> <li>Double, 151 mm x 80 mm</li> <li>Triple, 222 mm x 80 mm</li> <li>Quadruple, 293 mm x 80 mm</li> <li>Quintuple, 364 mm x 80 mm</li> </ul> </li> <li>Silver (similar to RAL 9006)               <ul style="list-style-type: none"> <li>Single, 80 mm x 80 mm</li> <li>Double, 151 mm x 80 mm</li> <li>Triple, 222 mm x 80 mm</li> <li>Quadruple, 293 mm x 80 mm</li> <li>Quintuple, 364 mm x 80 mm</li> </ul> </li> </ul>	 5TG1811 5TG1812 5TG1813 5TG1814 5TG1815  5TG1771 5TG1772 5TG1773 5TG1774 5TG1775
 5TG1801	<b>Frames, 80 mm, cut out</b> <b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)               <ul style="list-style-type: none"> <li>Single, 80 mm x 80 mm</li> <li>Double, 151 mm x 80 mm</li> <li>Double, with 1 cutout, 151 mm x 80 mm</li> <li>Triple, with 1 cutout, 222 mm x 80 mm</li> </ul> </li> <li>Silver (similar to RAL 9006)               <ul style="list-style-type: none"> <li>Single, 80 mm x 80 mm</li> <li>Double, with 1 cutout, 151 mm x 80 mm</li> <li>Triple, with 1 cutout, 222 mm x 80 mm</li> </ul> </li> </ul>	 5TG1801 5TG1802 5TG1803 5TG1804  5TG1761 5TG1763 5TG1764
 5TG1803		
 5TG1804		
 5TG1806	<b>Intermediate frames, for inserting devices with cover plate 51 mm x 51 mm</b> <ul style="list-style-type: none"> <li>complies with DIN 49075</li> <li>65 mm x 65 mm</li> </ul> <b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Silver (similar to RAL 9006)</li> </ul>	 5TG1806 5TG1766
 5TG1893	<b>Intermediate frame, for inserting devices with cover plate 55 mm x 55 mm</b> <b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Silver or aluminum metallic (similar to RAL 9006)</li> </ul>	 5TG1893 5TG1762

## DELTA profil

## Switches and pushbuttons

## Selection and ordering data





Version	Order No.
<b>General information</b> <ul style="list-style-type: none"> <li>• Size of rockers: 65 mm x 65 mm</li> <li>• Degree of protection: IP20</li> </ul>	
Note	Section Page
For extension claws, see ...	<i>Functions/Switching/Pushbutton Control/Dimming/Accessories and spare parts</i> 9/14
Note	
The color silver is identical to aluminum metallic (i-system).	
<b>Rockers, neutral</b>	
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	
5TG7801	5TG7801 5TG7921
<b>Inserts</b>	
• <i>Universal switches</i>	<i>Functions / Switching/ Pushbutton Control/</i> 9/3 5TA2156
• <i>Intermediate switches</i>	<i>dto.</i> 9/4 5TA2117
• <i>ON/OFF switches, 1-pole</i>	<i>dto.</i> 9/4 5TA2151
• <i>Pushbuttons, 1 NO contact</i>	<i>dto.</i> 9/8 5TD2120
• <i>Pushbuttons, 1 CO contact</i>	<i>dto.</i> 9/9 5TD2123
<b>Rockers with "Bell" symbol</b>	
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	
5TG7807	5TG7807 5TG7927
<b>Inserts</b>	
• <i>Pushbuttons, 1 NO contact</i>	<i>Functions / Switching/ Pushbutton Control/</i> 10/8 5TD2120
• <i>Pushbuttons, 1 CO contact</i>	<i>dto.</i> 10/9 5TD2123
<b>Rockers with "Door Opener" symbol</b>	
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	
5TG7808	5TG7808 5TG7928
<b>Inserts</b>	
• <i>Pushbuttons, 1 NO contact</i>	<i>Functions / Switching/ Pushbutton Control/</i> 9/8 5TD2120
• <i>Pushbuttons, 1 CO contact</i>	<i>dto.</i> 9/9 5TD2123
<b>Rockers with I/O symbols</b>	
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	
5TG7802	5TG7802 5TG7922
<b>Inserts</b>	
• <i>ON/OFF switches, 2-pole, 10 AX</i>	<i>Funktionen / Schalten/ Tasten/Dimmen</i> 9/5 5TA2112
• <i>ON/OFF switches, 2-pole, 16 AX</i>	<i>dto.</i> 9/5 5TA2162
• <i>ON/OFF switches, 3-pole, 16 A</i>	<i>dto.</i> 9/5 5TA2153
<b>Rockers with window</b>	
<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	
5TG7800	5TG7800 5TG7920
<b>Inserts</b>	
• <i>Switches with pilot lamp, for two-way switching<sup>1)</sup></i>	<i>Functions / Switching/ Pushbutton Control/</i> 9/6 5TA2108
• <i>Pushbuttons, 1 NO contact, with separate neutral terminal</i>	<i>dto.</i> 9/9 5TD2116
• <i>Pushbuttons, 1 CO contact, with separate neutral terminal</i>	<i>dto.</i> 9/9 5TD2117
• <i>Pushbuttons, with separate check-back indication</i>	<i>dto.</i> 9/10 5TD2114
• <i>Universal switches</i>	<i>dto.</i> 9/3 5TA2156
• <i>Intermediate switches</i>	<i>dto.</i> 9/4 5TA2117
• <i>ON/OFF switches, 1-pole</i>	<i>dto.</i> 9/4 5TA2151
• <i>Pushbuttons, 1 NO contact<sup>1)</sup></i>	<i>dto.</i> 9/8 5TD2120
• <i>Pushbuttons, 1 CO contact</i>	<i>dto.</i> 9/6 5TD2123
• <i>Switches with pilot lamp, for ON/OFF switching<sup>1)</sup></i>	<i>dto.</i> 9/6 5TA2150
Note	
<sup>1)</sup> with LED 5TG7333 (Normal brightness)	

Version	Order No.
<b>Rockers with "Light" symbol and window</b>	
	
5TG7806	
<b>Rockers with labeling field</b>	
	
5TG7816	
<b>Rocker with "Bell" symbol and labeling field</b>	
	
5TG7804	
<b>Rockers with labeling field and window</b>	
	
5TG7815	
	
5TG1894	






Version	Order No.
<b>Rockers with "Light" symbol and window</b>	
Versions	
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	5TG7806 5TG7926
Inserts	
<ul style="list-style-type: none"> <li>• Universal switches</li> <li>• Intermediate switches</li> <li>• ON/OFF switches, 1-pole</li> <li>• Pushbuttons, 1 NO contact <sup>1)</sup></li> <li>• Switches with pilot lamp, for ON/OFF switching<sup>1)</sup></li> <li>• Switches with pilot lamp, for two-way switching<sup>1)</sup></li> <li>• Pushbuttons, 1 NO contact, with separate neutral terminal</li> <li>• Pushbuttons, 1 CO contact, with separate neutral terminal</li> <li>• Pushbuttons, with separate check-back indication</li> </ul>	Functions / Switching/ Push-button Control/Dimming 9/3 9/4 9/4 9/8 9/6 9/6 9/9 9/9 9/10
	5TA2156 5TA2117 5TA2151 5TD2120 5TA2150 5TA2108 5TD2116 5TD2117 5TD2114
Note	
LED light inserts, see ...	Accessories and spare 5/20
Note	
<sup>1)</sup> with LED 5TG7333 (Normal brightness)	
<b>Rockers with labeling field</b>	
Versions	
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	5TG7816 5TG7936
Inserts	
<ul style="list-style-type: none"> <li>• Universal switches</li> <li>• Intermediate switches</li> <li>• ON/OFF switches, 1-pole</li> <li>• Pushbuttons, 1 NO contact <sup>1)</sup></li> <li>• Pushbuttons, 1 CO contact</li> </ul>	Functions / Switching/ Push-button Control/Dimming 9/3 9/4 9/4 9/8 9/9
	5TA2156 5TA2117 5TA2151 5TD2120 5TD2123
Note	
<sup>1)</sup> with LED 5TG7333 (Normal brightness)	
<b>Rocker with "Bell" symbol and labeling field</b>	
Titanium white (similar to RAL 9010)	
Inserts	
<ul style="list-style-type: none"> <li>• Pushbuttons, 1 NO contact <sup>1)</sup></li> <li>• Pushbuttons, 1 CO contact</li> </ul>	Functions / Switching/ Push-button Control/Dimming 9/8 9/9
	5TD2120 5TD2123
Note	
<sup>1)</sup> with LED 5TG7333 (Normal brightness)	
<b>Rockers with labeling field and window</b>	
Versions	
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	5TG7815 5TG7935
Inserts	
<ul style="list-style-type: none"> <li>• Switches with pilot lamp, for two-way switching<sup>1)</sup></li> <li>• Pushbuttons, 1 NO contact, with separate neutral terminal</li> <li>• Pushbuttons, 1 CO contact, with separate neutral terminal</li> <li>• Pushbuttons, with separate check-back indication</li> <li>• Universal switches</li> <li>• Intermediate switches</li> <li>• ON/OFF switches, 1-pole</li> <li>• Pushbuttons, 1 NO contact <sup>1)</sup></li> <li>• Pushbuttons, 1 CO contact</li> <li>• Switches with pilot lamp, for ON/OFF switching<sup>1)</sup></li> </ul>	Functions/Switching/ Push-button Control/Dimming 9/6 9/9 9/9 9/10 9/3 9/4 9/4 9/8 9/9 9/6
	5TA2108 5TD2116 5TD2117 5TD2114 5TA2156 5TA2117 5TA2151 5TD2120 5TD2123 5TA2150
Note	
5TA2150 switches with pilot lamp, for ON/OFF switching can be used as heating switch. The required 5TG1138 labeling field insert "Heating Switch" must be ordered separately, see ...	Accessories and spare parts 5/20
LED light inserts, see ...	5/20
Note	
<sup>1)</sup> with LED 5TG7333 (Normal brightness)	

## DELTA profil

## Switches and pushbutton

Version	Order No.										
 <p><b>Rockers, double, neutral</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul> <p>Inserts</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Double two-way switches</td> <td>9/7</td> </tr> <tr> <td>• Two-circuit switches</td> <td>9/7</td> </tr> <tr> <td>• Pushbuttons, double, 1 NO contact, 1 CO contact</td> <td>9/10</td> </tr> <tr> <td>• Pushbuttons, double, 2 NO contacts</td> <td>9/10</td> </tr> </tbody> </table>	Section	Page	• Double two-way switches	9/7	• Two-circuit switches	9/7	• Pushbuttons, double, 1 NO contact, 1 CO contact	9/10	• Pushbuttons, double, 2 NO contacts	9/10	<p><b>5TG7805</b></p> <p><b>5TG7925</b></p> <p><b>5TA2118</b></p> <p><b>5TA2155</b></p> <p><b>5TD2115</b></p> <p><b>5TD2111</b></p>
Section	Page										
• Double two-way switches	9/7										
• Two-circuit switches	9/7										
• Pushbuttons, double, 1 NO contact, 1 CO contact	9/10										
• Pushbuttons, double, 2 NO contacts	9/10										
 <p><b>Rockers, double, with window</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul> <p>Inserts</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Two-circuit switches</td> <td>9/7</td> </tr> <tr> <td>• Pushbuttons, double, 2 NO contacts</td> <td>9/10</td> </tr> </tbody> </table>	Section	Page	• Two-circuit switches	9/7	• Pushbuttons, double, 2 NO contacts	9/10	<p><b>5TG7818</b></p> <p><b>5TG7938</b></p> <p><b>5TA2155</b></p> <p><b>5TD2111</b></p>				
Section	Page										
• Two-circuit switches	9/7										
• Pushbuttons, double, 2 NO contacts	9/10										
 <p><b>Rockers, double, with window and labeling field</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul> <p>Inserts</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Two-circuit switches</td> <td>9/7</td> </tr> <tr> <td>• Pushbuttons, double, 2 NO contacts</td> <td>9/10</td> </tr> </tbody> </table>	Section	Page	• Two-circuit switches	9/7	• Pushbuttons, double, 2 NO contacts	9/10	<p><b>5TG7817</b></p> <p><b>5TG7937</b></p> <p><b>5TA2155</b></p> <p><b>5TD2111</b></p>				
Section	Page										
• Two-circuit switches	9/7										
• Pushbuttons, double, 2 NO contacts	9/10										
 <p><b>Hotel card switches, with window and labeling field</b></p> <ul style="list-style-type: none"> <li>• For cards up to 54 mm x 85 mm, 0.7 to 1.0 mm thick</li> <li>• For screw and claw fixing</li> <li>• Insertion of a card controls a mechanical contact</li> <li>• Illuminated</li> <li>• Including insert, pushbutton, 1 CO contact, with separate neutral terminal (5TD2117)</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	<p><b>5TG4811</b></p> <p><b>5TG4814</b></p>										






## Selection and ordering data

Version	Order No.						
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw and claw fixing</li> <li>• SCHUKO® socket outlets: 16 A, 250 V AC; 10 A, 250 V DC</li> <li>• Live parts of inserts covered by molded plastic</li> <li>• Self-retracting claws</li> <li>• The screwless terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm<sup>2</sup></li> <li>• Degree of protection: IP20</li> <li>• Size of cover plates: 65 mm x 65 mm</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For extension claws, see ...</td> <td><i>Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts</i></td> <td>9/14</td> </tr> </tbody> </table> <p>Note</p> <p>The color silver is identical to aluminum metallic (i-system).</p>	Note	Section	Page	For extension claws, see ...	<i>Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts</i>	9/14	
Note	Section	Page					
For extension claws, see ...	<i>Functions / Switching/ Pushbutton Control/ Dimming / Accessories and spare parts</i>	9/14					
<p><b>SCHUKO® socket outlets</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- With claws</li> <li>- Without claws for hollow-wall mounting</li> </ul> </li> <li>• Silver (similar to RAL 9006)</li> </ul>	<p><b>5UB1403</b> <b>5UB1403-0KK</b> <b>5UB1467</b></p>						
 <p>5UB1403</p>							
<p><b>SCHUKO® socket outlets with increased touch protection</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- With claws</li> <li>- Without claws for hollow-wall mounting</li> </ul> </li> <li>• Silver (similar to RAL 9006)</li> </ul>	<p><b>5UB1405</b> <b>5UB1405-0KK</b> <b>5UB1468</b></p>						
 <p>5UB1405</p>							
<p><b>SCHUKO® socket outlets with increased touch protection and black bezel</b></p> <p>Silver (similar to RAL 9006)</p>	<p><b>5UB1465</b></p>						
 <p>5UB1465</p>							
<p><b>SCHUKO® socket outlets, black bezel</b></p> <p>Silver (similar to RAL 9006)</p>	<p><b>5UB1463</b></p>						
 <p>5UB1463</p>							
<p><b>SCHUKO® socket outlets, orange bezel</b></p> <ul style="list-style-type: none"> <li>• Color of bezel similar to RAL 2004</li> <li>• Titanium white base (similar to RAL 9010)</li> <li>• Without imprint</li> <li>• For use with ZSV<sup>1)</sup></li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Seite</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td>5/20</td> </tr> </tbody> </table> <p>Footnote</p> <p><sup>1)</sup> ZSV: Additional safety power supply (BEV).</p>	Note	Section	Seite	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	5/20	<p><b>5UB1480</b></p>
Note	Section	Seite					
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	5/20					
 <p>5UB1480</p>							






## DELTA profil

## Socket outlets

5

Version	Order No.												
<b>SCHUKO® socket outlets, with labeling field</b>													
 <p>5UB1407</p> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> <li>• Red (similar to RAL 3003) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with WSV<sup>3)</sup></li> </ul> </li> </ul> <p><b>Note</b></p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td>5/20</td> </tr> </tbody> </table> <p><b>Footnote</b></p> <p><sup>1)</sup> SV: Safety power supply (AEV).  <sup>2)</sup> ZSV: Additional safety power supply (BEV).  <sup>3)</sup> WSV: Another additional safety power supply (BEV).</p>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	5/20	<p>5UB1407</p> <p>On request</p> <p>On request</p> <p>5UB1476</p>						
Note	Section	Page											
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	5/20											
<b>SCHUKO® socket outlets, with status display and labeling field</b>													
 <p>5UB1472</p> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> </ul> <p><b>Note</b></p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td>5/20</td> </tr> <tr> <td>5TG7304 spare glow lamps, see ...</td> <td><i>Accessories and spare parts</i></td> <td>5/21</td> </tr> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Socket Outlets</i></td> <td>16/12</td> </tr> </tbody> </table> <p><b>Footnote</b></p> <p><sup>1)</sup> SV: Safety power supply (AEV).  <sup>2)</sup> ZSV: Additional safety power supply (BEV).</p>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	5/20	5TG7304 spare glow lamps, see ...	<i>Accessories and spare parts</i>	5/21	For Technical specifications, see ...	<i>Technical Information / Socket Outlets</i>	16/12	<p>5UB1472</p> <p>5UB1474</p> <p>5UB1475</p> <p>5TG7304</p>
Note	Section	Page											
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	5/20											
5TG7304 spare glow lamps, see ...	<i>Accessories and spare parts</i>	5/21											
For Technical specifications, see ...	<i>Technical Information / Socket Outlets</i>	16/12											
<b>SCHUKO® socket outlets, with overvoltage protection, function displays and labeling field</b>													
 <p>5UB1486</p> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul> <p><b>Note</b></p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>5UH1300 spare overvoltage protection module, see ...</td> <td><i>Accessories and spare parts</i></td> <td>5/21</td> </tr> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection</i></td> <td>16/12</td> </tr> </tbody> </table>	Note	Section	Page	5UH1300 spare overvoltage protection module, see ...	<i>Accessories and spare parts</i>	5/21	For Technical specifications, see ...	<i>Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection</i>	16/12	<p>5UB1486</p> <p>5UB1460</p> <p>5UH1300</p>			
Note	Section	Page											
5UH1300 spare overvoltage protection module, see ...	<i>Accessories and spare parts</i>	5/21											
For Technical specifications, see ...	<i>Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection</i>	16/12											
<b>SCHUKO® socket outlets with hinged lid</b>													
 <p>5UB1404</p> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	<p>5UB1404</p> <p>5UB1464</p>												
 <p>5UB4650</p> <p><b>SCHUKO® socket outlets, with hinged lid made of die-cast aluminum</b></p> <ul style="list-style-type: none"> <li>• With flush-mounting socket</li> <li>• IP41 drip-proof</li> <li>• Base made of thermosetting plastic with two cable entries M20</li> <li>• 95 mm x 95 mm x 56 mm</li> <li>• Light gray (RAL 7035)</li> </ul>	<p>5UB4650</p>												





## Selection and ordering data

Version	Order No.
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw and claw fixing</li> <li>• Screw terminals</li> <li>• Size of cover plates: 65 mm x 65 mm</li> </ul>	
 <p><b>Socket outlets with grounding pin and increased touch protection</b></p> <ul style="list-style-type: none"> <li>• 16 A, 250 V AC</li> <li>• 2-pole according to CEE7</li> <li>• French/Belgian standard</li> <li>• With anti-slip terminals for 4 x 2.5 mm<sup>2</sup></li> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p>5UB1315</p>	5UB1315
 <p><b>Socket outlets with grounding pin</b></p> <ul style="list-style-type: none"> <li>• 16 A, 250 V AC</li> <li>• 2-pole according to CEE7</li> <li>• French/Belgian standard</li> <li>• With anti-slip terminals for 4 x 2.5 mm<sup>2</sup></li> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p>5UB1408</p>	5UB1408
 <p><b>Socket outlets, according to American standard C 73</b></p> <ul style="list-style-type: none"> <li>• 15 A, 125 V AC</li> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p>5UB1311</p>	5UB1311
 <p><b>NEMA socket outlets</b></p> <ul style="list-style-type: none"> <li>• In i-system design</li> <li>• 2-pole (2P + E)</li> <li>• NEMA 5-20R</li> <li>• 20 A, 125 V AC</li> <li>• For 58 series mounting boxes</li> <li>• For screw fixing only</li> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p>Note</p>	5UB1534
<p>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.</p> <p>5UB1534</p>	5TG1806
 <p><b>NEMA socket outlets with hinged lid</b></p> <ul style="list-style-type: none"> <li>• In i-system design</li> <li>• 2-pole (2P + E)</li> <li>• NEMA 5-20R</li> <li>• 20 A, 125 V AC</li> <li>• For 58 series mounting boxes</li> <li>• For screw fixing only</li> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p>Note</p>	5UB1535
<p>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.</p> <p>5UB1535</p>	5TG1806




## DELTA profil

## Shutter/blind controls

## Selection and ordering data

Version	Order No.
<b>General information</b>	
Size of rockers: 65 mm x 65 mm	
Note	
The color silver is identical to aluminum metallic (i-system).	
<b>Rockers, double, with Up/Down symbols</b>	
Versions	
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>	
5TG7814 5TG7934	
Inserts	
<ul style="list-style-type: none"> <li>• Shutter/blind switches, with electrical and mechanical interlock</li> <li>• Shutter/blind pushbuttons, with electrical interlock</li> </ul>	
Section	Page
Functions / Shutter/blind controls	11/2
dto.	11/2
5TA2154 5TA2114	
5TG7814	
	
<b>Shutter/blind key-operated switches for master-key systems, with Up/Down symbols</b>	
<ul style="list-style-type: none"> <li>• 10 A, ~250 V</li> <li>• Key can only be withdrawn in neutral position</li> <li>• 5TG4225 profile semicylinder must be ordered separately</li> <li>• 1-pole (changeover contact with neutral position)</li> <li>• Titanium white (similar to RAL 9010)</li> </ul>	
Versions	
<ul style="list-style-type: none"> <li>• Momentary-contact and maintained-contact position to left and right</li> <li>• Maintained-contact position to left and right</li> <li>• Momentary-contact position to left and right</li> </ul>	
5TA7664 5TA7668 5TA7666	
Note	
<ul style="list-style-type: none"> <li>• For Technical specifications, see ...</li> </ul>	
Section	Page
Technical Information/ Shutter/ Blind Controls/ Shutter/blind keyoperated switches, for masterkey systems	16/33
Frames	5/5
5TG1893	
	
5TA7664	
<b>Profile semicylinders for "shutter/blind key-operated switches for master-key systems with Up/Down symbols"</b>	
<ul style="list-style-type: none"> <li>• CES product</li> <li>• With three keys</li> <li>• Identical key type</li> </ul>	
5TG4225	
	
5TG4225	
<b>Shutter/blind knob-operated switches with Up/Down symbols</b>	
<ul style="list-style-type: none"> <li>• 10 A, ~250 V</li> <li>• Momentary-contact and maintained-contact position to left and right and neutral position</li> <li>• Changeover contact with neutral position</li> <li>• Titanium white (similar to RAL 9010)</li> </ul>	
Versions	
<ul style="list-style-type: none"> <li>• 1-pole</li> <li>• 2-pole</li> </ul>	
5TA7660 5TA7661	
Note	
<ul style="list-style-type: none"> <li>• For Technical specifications, see ...</li> </ul>	
Section	Page
Technical Information/ Shutter/ Blind Controls/ Shutter/blind keyoperated switches,	16/32
Frames	5/5
5TG1893	
	
5TA7660	













	Version	Order No.															
 <p>5TC1520</p>	<p><b>Shutter/blind controls</b></p> <ul style="list-style-type: none"> <li>• In i-system design</li> <li>• For controlling a blind or shutter motor with mechanical or electronic limit switches</li> <li>• Operation is by means of 4 control buttons</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver or aluminum metallic (similar to RAL 9006)</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Cutout frames must be ordered separately, see ...</td> <td>Frames</td> <td>5/5</td> </tr> <tr> <td>• The following intermediate frames, for inserting devices with cover plate 55 mm x 55 mm must be ordered separately:</td> <td></td> <td></td> </tr> <tr> <td>- Titanium white (similar to RAL 9010)</td> <td>Frames</td> <td>5/5</td> </tr> <tr> <td>- Silver or aluminum metallic (similar to RAL 9006)</td> <td>dto.</td> <td>5/5</td> </tr> </tbody> </table> <p>Note</p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1520/all">http://support.automation.siemens.com/ww/view/en/5tc1520/all</a></p> <p>Product features</p> <ul style="list-style-type: none"> <li>• Flush-mounting device without an extension unit input</li> <li>• 230 V AC, 50 Hz (N conductor required)</li> <li>• For screw and claw fixing</li> <li>• Type of connection: screw terminals</li> <li>• 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s</li> <li>• Bridging of voltage interruptions &lt; 0.2 s</li> <li>• Connected load: max. 1 motor up to 1000 W</li> <li>• Pulse duration: approx. 2 min</li> <li>• Accuracy: ± 1 min per month</li> <li>• Reserve power: &gt; 6 h</li> <li>• Switching times: max. 4 (in 2 blocks: Mo ... Fr / Sa ... Su)</li> <li>• Factory preset switching times for faster commissioning</li> <li>• Possible reset to factory settings</li> <li>• Manual operation possible at any time</li> </ul>	Note	Section	Page	• Cutout frames must be ordered separately, see ...	Frames	5/5	• 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	5/5	- Silver or aluminum metallic (similar to RAL 9006)	dto.	5/5	<p>5TC1520 5TC1522</p> <p>5TG1893 5TG1762</p>
Note	Section	Page															
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- Silver or aluminum metallic (similar to RAL 9006)	dto.	5/5															
 <p>5TC1270</p>	<p><b>Shutter/blind control flush-mounting isolating relays</b></p> <ul style="list-style-type: none"> <li>• Double, with individual control</li> <li>• Relay for the control of several shutters or blinds</li> <li>• Two motors can be controlled per isolating relay, even if further isolating relays are connected downstream</li> <li>• Option for individual control of connected motors over shutter/blind pushbutton (e.g. 5TA2114)</li> <li>• 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)</li> <li>• Only for in-phase operation</li> <li>• 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz</li> <li>• 58 mm x 59 mm x 22 mm</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays</td> <td>16/42</td> </tr> </tbody> </table> <p>Note</p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1270/all">http://support.automation.siemens.com/ww/view/en/5tc1270/all</a></p>	Note	Section	Page	For Technical specifications, see ...	Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays	16/42	<p>5TC1270</p>									
Note	Section	Page															
For Technical specifications, see ...	Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays	16/42															
 <p>5TC1271</p>	<p><b>Shutter/blind control flush-mounting isolating relays, compact</b></p> <ul style="list-style-type: none"> <li>• Relay for the control of several shutters or blinds</li> <li>• 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</li> <li>• If cascaded, a motor can be connected to each compact isolating relay, which can also be individually controlled over a shutter/blind push-button</li> <li>• 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)</li> <li>• Only for in-phase operation</li> <li>• 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz</li> <li>• 50 mm x 53 mm x 22 mm</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact</td> <td>16/43</td> </tr> </tbody> </table> <p>Note</p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1271/all">http://support.automation.siemens.com/ww/view/en/5tc1271/all</a></p>	Note	Section	Page	For Technical specifications, see ...	Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact	16/43	<p>5TC1271</p>									
Note	Section	Page															
For Technical specifications, see ...	Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact	16/43															

## DELTA profil

## Lighting controls

## Selection and ordering data

Version				Order No.
<b>General information</b>				
Size of cover plates: 65 mm x 65 mm				
Note				
The color silver is identical to aluminum metallic (i-system).				
<b>Rotary dimmers</b>				
<b>Cover plates with rotary button, for dimmers</b>				
Versions				
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>				<b>5TC8904</b> <b>5TC8906</b>
Symbol	Inserts	Section	Page	
	Incandescent lamp dimmers, 50 ... 600 W, for two-way switching	dto.	9/11	<b>5TC8257</b>
				
	Low-voltage dimmers, for magnetic transformers, 50 ... 600 W,	dto.	9/11	<b>5TC8283</b>
				
	25 ... 500 VA, for two-way switching			
	Low voltage LED Dimmer 60W, for magnetic transformers	dto.	9/11	<b>5TC8263</b>
	6 ... 120 W,			
	for two-way switching			
	Low-voltage dimmers, for electronic transformers, 60 ... 800 W,	dto.	9/12	<b>5TC8258</b>
				
	60 ... 800 VA, for two-way switching			



5TC8904

## Room temperature controllers

## Selection and ordering data

Version				Order No.
<b>General information</b>				
Size of cover plates: 65 mm x 65 mm				
Note		Section	Page	
80 mm cutout frames must be used, see...		Frames	5/5	
Note				
<ul style="list-style-type: none"> <li>• Download the operating and mounting instructions from: <a href="http://support.automation.siemens.com/WW/view/en/17738094/133300">http://support.automation.siemens.com/WW/view/en/17738094/133300</a></li> </ul>				
<b>Cover plates for room temperature controllers, NC/CO</b>				
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul>				<b>5TC9226</b>
Inserts	Section	Page		
<ul style="list-style-type: none"> <li>• Room temperature controllers, 1 NC contact</li> </ul>	Functions / Room Temperature Controllers	12/3		<b>5TC9200</b>
<ul style="list-style-type: none"> <li>• Room temperature controllers, 1 CO contact</li> </ul>	dto.	12/3		<b>5TC9201</b>





5TC9226

## Selection and ordering data


Version	Order No.																																																		
<b>General information</b>																																																			
Size of cover plates: 65 mm x 65 mm																																																			
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The color silver is identical to aluminum metallic (i-system).																																																			
<b>Cover plates for TAE outlet boxes, loudspeaker outlet boxes and double USB charger</b>																																																			
<b>Versions</b>																																																			
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul>																																																			
<b>5TG1800-2</b>																																																			
<b>5TG1760-2</b>																																																			
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USB-Connector with claws, white		13/7	5TG2022-1																																																
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<b>5TG1765</b>																																																			
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## DELTA profil

## Communication

Version	Order No.																																										
 <p><b>Cover plates, for Modular Jack support plate</b></p> <ul style="list-style-type: none"> <li>Cover plates with shutter</li> <li>For Modular Jack support plates</li> </ul> <p>5TG2056</p>																																											
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<p><b>Versions</b></p> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> </ul>																																											
<table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Modular Jack support plates</i></td> <td></td> <td></td> </tr> <tr> <td>• Red inserts</td> <td><i>Functions / Data and Communication Systems</i></td> <td>13/3</td> </tr> <tr> <td>• Black inserts</td> <td><i>dto.</i></td> <td>13/3</td> </tr> <tr> <td>• Yellow inserts</td> <td><i>dto.</i></td> <td>13/4</td> </tr> <tr> <td>• Orange inserts</td> <td><i>dto.</i></td> <td>13/4</td> </tr> <tr> <td>• Blue inserts</td> <td><i>dto.</i></td> <td>13/4</td> </tr> <tr> <td>• Brown inserts</td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• Green inserts</td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• Transparent inserts</td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• White inserts</td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• Grey inserts</td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• Silver inserts</td> <td><i>dto.</i></td> <td>13/6</td> </tr> <tr> <td>• Beige inserts</td> <td><i>dto.</i></td> <td>13/6</td> </tr> </tbody> </table>	Inserts	Section	Page	<i>Modular Jack support plates</i>			• Red inserts	<i>Functions / Data and Communication Systems</i>	13/3	• Black inserts	<i>dto.</i>	13/3	• Yellow inserts	<i>dto.</i>	13/4	• Orange inserts	<i>dto.</i>	13/4	• Blue inserts	<i>dto.</i>	13/4	• Brown inserts	<i>dto.</i>	13/5	• Green inserts	<i>dto.</i>	13/5	• Transparent inserts	<i>dto.</i>	13/5	• White inserts	<i>dto.</i>	13/5	• Grey inserts	<i>dto.</i>	13/5	• Silver inserts	<i>dto.</i>	13/6	• Beige inserts	<i>dto.</i>	13/6	5TG2078 5TG2080 5TG2081 5TG2082 5TG2083 5TG2084 5TG2058 5TG2058-1 5TG2058-2 5TG2058-3 5TG2058-4 5TG2098
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• Silver inserts	<i>dto.</i>	13/6																																									
• Beige inserts	<i>dto.</i>	13/6																																									
<p><b>Note</b></p> <ul style="list-style-type: none"> <li>Intermediate frame required for insertion in devices, 55 x 55 mm (5TG1893)</li> <li>Cutout frames necessary</li> </ul>																																											
 <p>5TG1916</p>	5TG1916																																										
<p><b>Cover plates, inclined outlet</b></p> <ul style="list-style-type: none"> <li>For fiber-optic mounting plates</li> <li>Titanium white (similar to RAL 9010)</li> </ul>																																											
<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Cutout frames must be used, see ...</td> <td><i>Frames</i></td> <td>5/5</td> </tr> </tbody> </table>	Note	Section	Page	Cutout frames must be used, see ...	<i>Frames</i>	5/5																																					
Note	Section	Page																																									
Cutout frames must be used, see ...	<i>Frames</i>	5/5																																									
 <p>5TG1913</p>	5TG1913																																										
<p><b>Mounting plates for "cover plates, inclined outlet", 2 x "ST" AMP</b></p> <p>For fiber-optic installation coupling</p>																																											
 <p>5TG1914</p>	5TG1914																																										
<p><b>Mounting plates for "cover plates, inclined outlet", 2 x "SC"</b></p> <p>For fiber-optic installation coupling</p>																																											
 <p>5TG1915</p>	5TG1915																																										
<p><b>Mounting plates for "cover plates, inclined outlet", 2 x "SC Duplex" AMP</b></p> <p>For fiber-optic installation coupling</p>																																											

## Selection and ordering data


Version			Order No.
<b>General information</b> <ul style="list-style-type: none"> <li>Degree of protection: IP20</li> <li>Size of cover plates: 65 mm x 65 mm</li> </ul>			
<b>Note</b> The color silver is identical to aluminum metallic (i-system).			
<b>Cover plates for TV/RF/SAT connection, 2-hole and 3-hole version</b>			
<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Silver (similar to RAL 9006)</li> </ul>			<b>5TG1828-2</b> <b>5TG1778-2</b>
	<b>Inserts</b>	<b>Section</b>	<b>Page</b>
	<ul style="list-style-type: none"> <li>Aerial branch-circuit boxes</li> <li>Aerial through-way boxes/ terminal boxes</li> </ul>	<i>Functions / Data and Communication Systems dto.</i>	13/2  13/2

5TG1828-2

## DELTA profil

### Equipotential bonding


#### Selection and ordering data

Version	Order No.						
 <p><b>Socket outlets for equipotential bonding, double</b></p> <ul style="list-style-type: none"> <li>• Size of cover plates: 55 mm x 55 mm</li> <li>• For screw fixing to DIN 42801</li> <li>• For cables 1 x 6 mm<sup>2</sup> and 4 x 2.5 mm<sup>2</sup></li> <li>• Screw terminals</li> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p>Note</p> <p>For angled connector according to DIN 42801.</p>	<b>5TG2564</b>						
<p>Note</p> <p>Intermediate frame, for inserting devices with cover plate 55 mm x 55 mm must be used, titanium white, see ...</p>							
<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Intermediate frame, for inserting devices with cover plate 55 mm x 55 mm must be used, titanium white, see ...</td> <td>Frames</td> <td>5/5</td> </tr> </tbody> </table>	Note	Section	Page	Intermediate frame, for inserting devices with cover plate 55 mm x 55 mm must be used, titanium white, see ...	Frames	5/5	<b>5TG1893</b>
Note	Section	Page					
Intermediate frame, for inserting devices with cover plate 55 mm x 55 mm must be used, titanium white, see ...	Frames	5/5					

5TG2564

### Surface-mounting enclosures



#### Selection and ordering data

Version	Order No.
 <p><b>Surface-mounting enclosures</b> Titanium white (similar to RAL 9010)</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Single, 80 mm x 80 mm x 42.5 mm</li> <li>• Double, 150 mm x 80 mm x 42.5 mm</li> </ul>	<b>5TG1825</b> <b>5TG1826</b>

5TG1825

### Module carriers for the m-system






#### Selection and ordering data

Version	Order No.						
 <p><b>Module carriers, 1M</b></p> <ul style="list-style-type: none"> <li>• For holding one m-system module</li> <li>• For screw fixing</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul> <p>Note</p> <p>For module inserts, see ...</p>	<b>5TG1911</b> <b>5TG1911</b> <b>5TG1890</b>						
<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For module inserts, see ...</td> <td>Design / m-system</td> <td>7/6</td> </tr> </tbody> </table>	Note	Section	Page	For module inserts, see ...	Design / m-system	7/6	
Note	Section	Page					
For module inserts, see ...	Design / m-system	7/6					
 <p><b>Module carriers, 2M</b></p> <ul style="list-style-type: none"> <li>• For holding one m-system module</li> <li>• For screw fixing</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Silver (similar to RAL 9006)</li> </ul> <p>Note</p> <p>For module inserts, see ...</p>	<b>5TG1912</b> <b>5TG1912</b> <b>5TG1891</b>						
<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For module inserts, see ...</td> <td>Design / m-system</td> <td>7/6</td> </tr> </tbody> </table>	Note	Section	Page	For module inserts, see ...	Design / m-system	7/6	
Note	Section	Page					
For module inserts, see ...	Design / m-system	7/6					

5TG1911

5TG1912





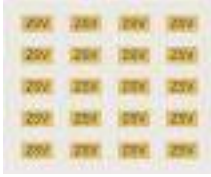
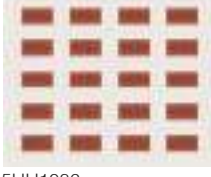
## Selection and ordering data

Version	Order No.										
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>For screw and claw fixing</li> <li>Size of cover plates: 65 mm x 65 mm</li> </ul> <p>Note</p> <p>The color silver is identical to aluminum metallic (i-system).</p>											
<p><b>Blanking cover plates</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Silver (similar to RAL 9006)</li> </ul>	<p><b>5TG1810</b> <b>5TG1770</b></p>										
 <p>5TG1810</p>											
<p><b>Outlet plates</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Silver (similar to RAL 9006)</li> </ul>	<p><b>5TG1807</b> <b>5TG1787</b></p>										
 <p>5TG1807</p>											
<p><b>LED light signals</b></p> <ul style="list-style-type: none"> <li>Supply voltage 90 ... 240 V AC, 50/60 Hz</li> <li>Power consumption: 1 W</li> <li>Can be fitted horizontally or vertically</li> <li>Opaque-white</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>White, illuminated</li> <li>Blue, illuminated</li> <li>Red, illuminated</li> <li>Green, illuminated</li> </ul>	<p><b>5TG9880-3</b> <b>5TG9880-4</b> <b>5TG9880-5</b> <b>5TG9880-6</b></p>										
 <p>5TG9880-3</p>											
<p>Note</p> <ul style="list-style-type: none"> <li>For module carriers for DELTA line and DELTA miro, see ...</li> <li>Module carriers for DELTA profil, see ...</li> <li>For module carriers for DELTA style, see ...</li> <li>For Technical specifications, see ...</li> </ul>	<table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Design / m-system / Module carriers for DELTA line and DELTA miro</i></td> <td>7/4</td> </tr> <tr> <td><i>Design / m-system / Module carriers for the DELTA profil</i></td> <td>7/5</td> </tr> <tr> <td><i>Design/m-system/Module carriers for DELTA style</i></td> <td>7/5</td> </tr> <tr> <td><i>Technical Information / m-system / LED light signals</i></td> <td>16/50</td> </tr> </tbody> </table>	Section	Page	<i>Design / m-system / Module carriers for DELTA line and DELTA miro</i>	7/4	<i>Design / m-system / Module carriers for the DELTA profil</i>	7/5	<i>Design/m-system/Module carriers for DELTA style</i>	7/5	<i>Technical Information / m-system / LED light signals</i>	16/50
Section	Page										
<i>Design / m-system / Module carriers for DELTA line and DELTA miro</i>	7/4										
<i>Design / m-system / Module carriers for the DELTA profil</i>	7/5										
<i>Design/m-system/Module carriers for DELTA style</i>	7/5										
<i>Technical Information / m-system / LED light signals</i>	16/50										
<p><b>Cover plates for flush-mounting control devices</b></p> <ul style="list-style-type: none"> <li>For screw fixing</li> <li>55 mm x 55 mm</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>For 18,5 mm Ø</li> <li>For 22,5 mm Ø (DIN 43696)</li> </ul> </li> <li>Yellow (similar to RAL 1018) <ul style="list-style-type: none"> <li>For 18,5 mm Ø</li> <li>For 22,5 mm Ø (DIN 43696)</li> </ul> </li> </ul>	<p><b>5TG2567</b> <b>5TG2568</b></p> <p><b>On request</b> <b>On request</b></p>										
 <p>5TG2567</p>											
<p>Note</p> <ul style="list-style-type: none"> <li>Intermediate frames in matching colors must be ordered separately, see ...</li> <li>EMERGENCY-STOP pushbutton, see ...</li> </ul>	<table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Frames</i></td> <td>5/5</td> </tr> <tr> <td><i>Automation Technology / Industrial Switchgear / Control and Signaling Devices / Pushbuttons and LEDs</i></td> <td>–</td> </tr> </tbody> </table>	Section	Page	<i>Frames</i>	5/5	<i>Automation Technology / Industrial Switchgear / Control and Signaling Devices / Pushbuttons and LEDs</i>	–				
Section	Page										
<i>Frames</i>	5/5										
<i>Automation Technology / Industrial Switchgear / Control and Signaling Devices / Pushbuttons and LEDs</i>	–										
<p><b>Volume control</b></p> <ul style="list-style-type: none"> <li>3 W, 27 Ω, mono</li> <li>Axis diameter 4 mm</li> <li>Titanium white (similar to RAL 9010)</li> </ul>	<p><b>5TG4801</b></p>										
											




## DELTA profil

## Accessories and spare parts

## Selection and ordering data

Version	Order No.																							
<b>Accessories for rockers</b>																								
 <p><b>Labeling field inserts "Heating Switch"</b> (inscription in German) for rockers with labeling field</p>	5TG1894																							
5TG1894																								
 <p><b>LED light inserts, for switch and pushbutton inserts</b> For all rockers with windows</p> <table border="1"> <thead> <tr> <th>Fluorescent color</th> <th>Rated voltage</th> <th>Power consumption in mA</th> </tr> </thead> <tbody> <tr> <td rowspan="4">• Red</td> <td>8 V AC</td> <td>2</td> </tr> <tr> <td>12 V AC</td> <td>2</td> </tr> <tr> <td>24 V AC</td> <td>2</td> </tr> <tr> <td>230 V AC</td> <td>1</td> </tr> <tr> <td rowspan="2">• Orange</td> <td>- Normal</td> <td>0,9</td> </tr> <tr> <td>- Strong</td> <td>1,0</td> </tr> <tr> <td>• White</td> <td>230 V AC</td> <td>1,1</td> </tr> <tr> <td>• Blue</td> <td>230 V AC</td> <td>1,1</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> <li>The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already.</li> <li>If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.</li> </ul>	Fluorescent color	Rated voltage	Power consumption in mA	• Red	8 V AC	2	12 V AC	2	24 V AC	2	230 V AC	1	• Orange	- Normal	0,9	- Strong	1,0	• White	230 V AC	1,1	• Blue	230 V AC	1,1	5TG7315 5TG7316 5TG7317 5TG7353  5TG7333 5TG7343 5TG7354 5TG7355
Fluorescent color	Rated voltage	Power consumption in mA																						
• Red	8 V AC	2																						
	12 V AC	2																						
	24 V AC	2																						
	230 V AC	1																						
• Orange	- Normal	0,9																						
	- Strong	1,0																						
• White	230 V AC	1,1																						
• Blue	230 V AC	1,1																						
5TG7315																								
 <p><b>Glow lamps for switch and pushbutton inserts</b></p> <ul style="list-style-type: none"> <li>Protected against contact</li> <li>230 V AC</li> <li>Reduced luminosity</li> <li>Power consumption 0.18 mA</li> <li>Base color: white</li> </ul>	5TG7321																							
5TG7321																								
<b>Accessories for socket outlets</b>																								
 <p><b>Label sheets "SV"</b></p> <ul style="list-style-type: none"> <li>For marking the inserts</li> <li>1 sheet contains 20 self-adhesive labels</li> </ul>	5UH1084																							
5UH1084																								
 <p><b>Label sheets "ZSV"</b></p> <ul style="list-style-type: none"> <li>For marking the inserts</li> <li>1 sheet contains 20 self-adhesive labels</li> </ul>	5UH1085																							
5UH1085																								
 <p><b>Label sheets "WSV"</b></p> <ul style="list-style-type: none"> <li>For marking the inserts</li> <li>1 sheet contains 20 self-adhesive labels</li> </ul>	5UH1086																							
5UH1086																								



	Version	Order No.						
<b>Accessories for dimmers</b>								
	<b>Spare fuses</b> 250 V <b>Versions</b>							
5TG8302	<ul style="list-style-type: none"> <li>• T 1,6 H 250 V               <ul style="list-style-type: none"> <li>- For incandescent lamp dimmers, 50 ... 400 W (5TC8256)</li> <li>- For sensor dimmers, with/without memory function, 20 ... 400 W (5TC8240/5TC8232)</li> </ul> </li> <li>• T 2,5 H 250 V               <ul style="list-style-type: none"> <li>- For incandescent lamp dimmers, 50 ... 600 W (5TC8257)</li> </ul> </li> <li>• T 4 H 250 V               <ul style="list-style-type: none"> <li>- For low-voltage dimmers for magnetic transformers (5TC8283)</li> <li>- For electronic potentiometers (5TC8424 and 5TC8420)</li> <li>- For speed regulating rheostats (5TC8604)</li> </ul> </li> </ul>	<b>5TG8302</b>  <b>5TG8305</b>  <b>5TG8330</b>						
<b>Spare parts</b>								
	<b>Spare glow lamps for SCHUKO® socket outlets with status display</b> 1.5 mA, 230 V AC/50 Hz	<b>5TG7304</b>						
5TG7304								
	<b>Spare overvoltage protection modules</b> For SCHUKO® socket outlets with overvoltage protection <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Socket Outlets / SCHUKO® socket outlets with overvoltage protection</i></td> <td>16/12</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Socket Outlets / SCHUKO® socket outlets with overvoltage protection</i>	16/12	<b>5UH1300</b>
Note	Section	Page						
For Technical specifications, see ...	<i>Technical Information / Socket Outlets / SCHUKO® socket outlets with overvoltage protection</i>	16/12						
5UH1300								

## DELTA profil

Notes

5

## DELTA style



6/2	<b>Introduction</b>
6/5	<b>Frames</b>
6/6	<b>Switches and pushbuttons</b>
6/10	<b>Socket outlets</b>
6/14	<b>Chargers</b>
6/15	<b>International plug-and-socket devices</b>
6/16	<b>Shutter/blind controls</b>
6/18	<b>Lighting controls</b>
6/19	<b>Room temperature controllers</b>
6/21	<b>Communication</b>
6/23	<b>TV / RF / SAT</b>
6/24	<b>Surface-mounting enclosures</b>
6/25	<b>Module carriers for the m-system</b>
6/26	<b>Add-on devices</b>
6/28	<b>Accessories and spare parts</b>

## DELTA style

### Introduction

### Overview

#### *Colors and designs of the DELTA style product range*

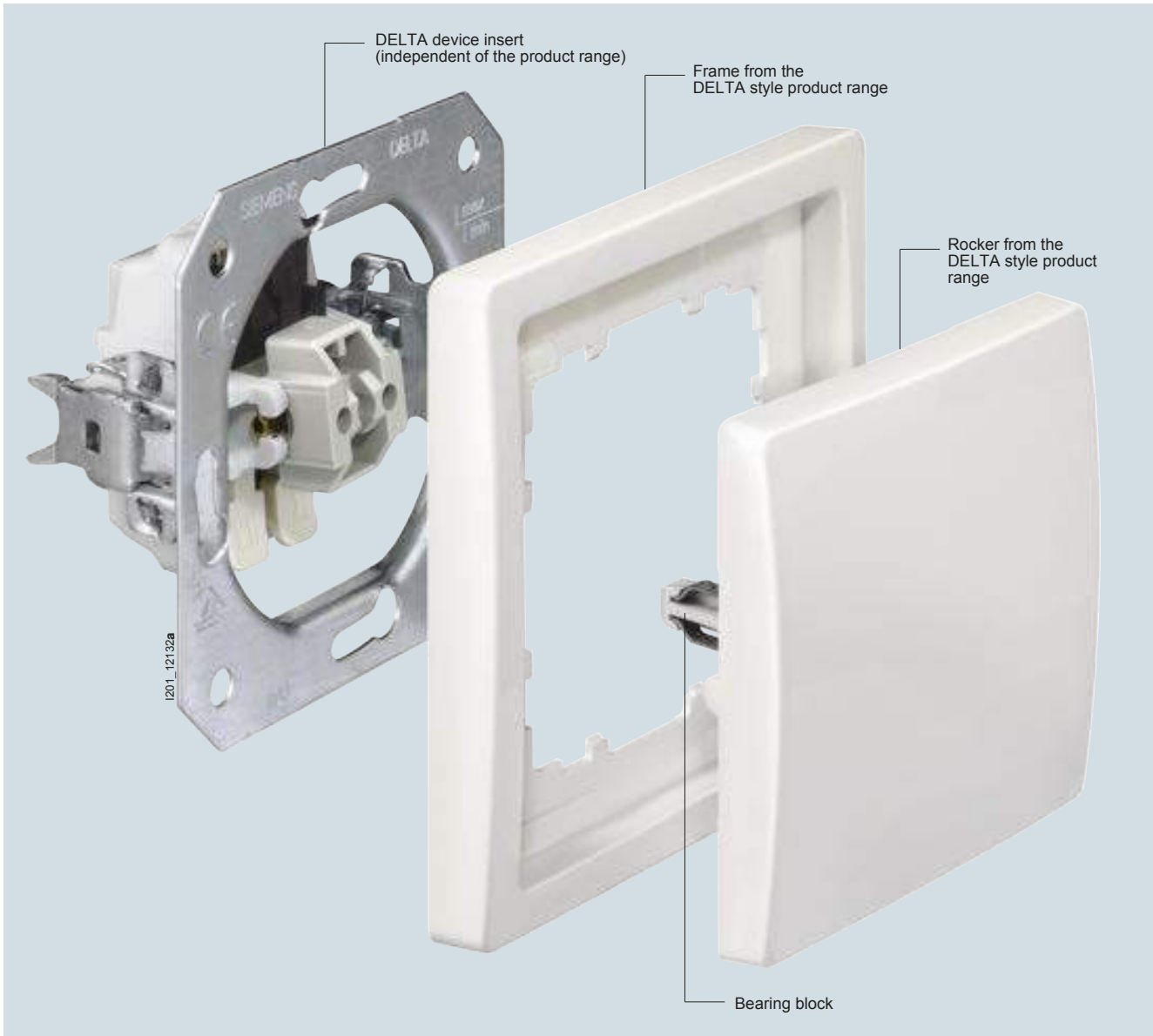


Titanium white



Platinum metallic

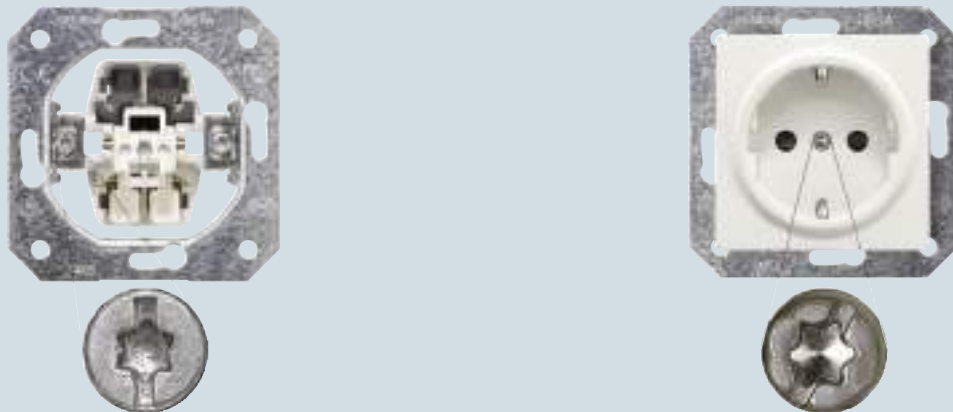
Technical design of the DELTA style product range



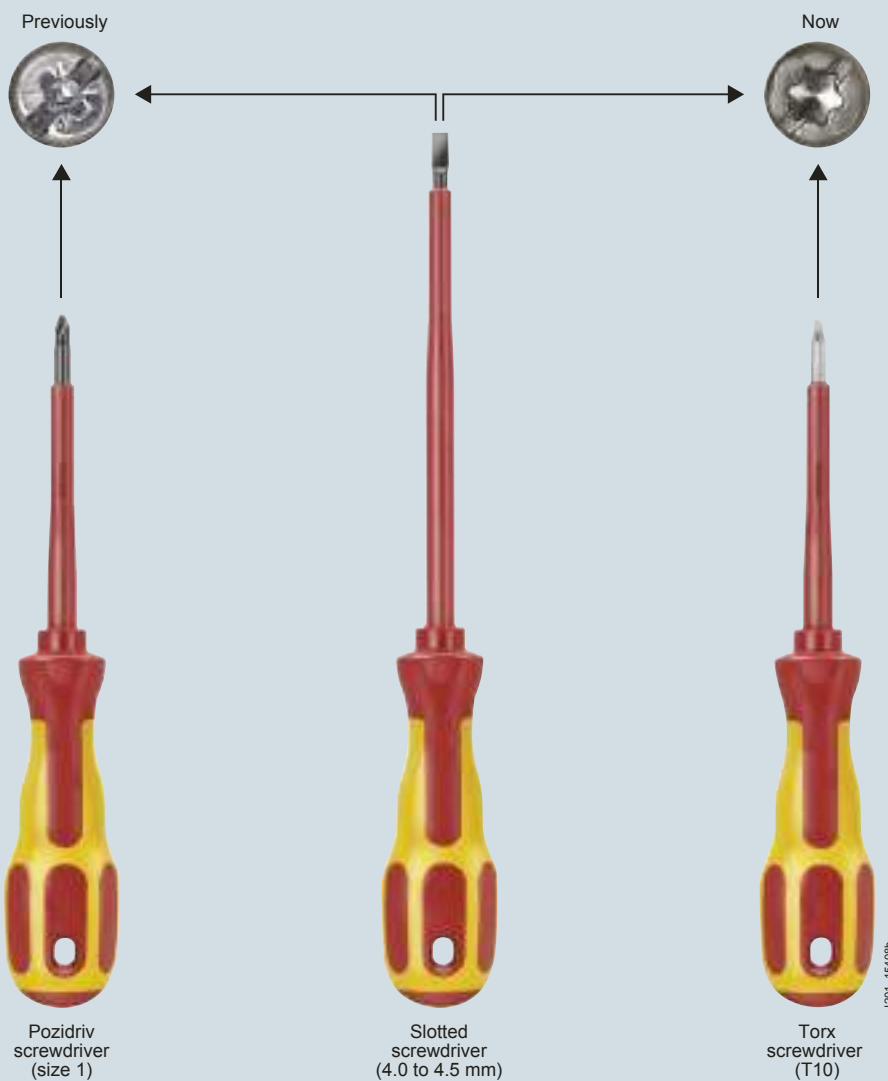
## DELTA style

### Introduction

#### Combination screws for Torx T10 and slotted screwdrivers







All our inserts for switches and pushbuttons, and all SCHUKO® socket outlets from the DELTA product range, are equipped with the new combination screws.



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

## Selection and ordering data

Version	Order No.									
<b>General information</b> <ul style="list-style-type: none"> <li>For horizontal and vertical mounting</li> <li>Degree of protection: IP20</li> </ul>										
<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Degree of protection IP44 for rockers can be achieved using the <i>IP44 set of seals</i>, for rockers, see ...</td> <td><i>Accessories and spare parts</i></td> <td>6/28</td> </tr> <tr> <td>• Degree of protection IP44 for <i>SCHUKO® socket outlets with hinged lid</i> can be achieved using an <i>IP44 seal, for socket outlets</i>, see ...</td> <td><i>dto.</i></td> <td>6/29</td> </tr> </tbody> </table>	Note	Section	Page	• Degree of protection IP44 for rockers can be achieved using the <i>IP44 set of seals</i> , for rockers, see ...	<i>Accessories and spare parts</i>	6/28	• Degree of protection IP44 for <i>SCHUKO® socket outlets with hinged lid</i> can be achieved using an <i>IP44 seal, for socket outlets</i> , see ...	<i>dto.</i>	6/29	<b>5TG4324</b>  <b>5TG4318</b>
Note	Section	Page								
• Degree of protection IP44 for rockers can be achieved using the <i>IP44 set of seals</i> , for rockers, see ...	<i>Accessories and spare parts</i>	6/28								
• Degree of protection IP44 for <i>SCHUKO® socket outlets with hinged lid</i> can be achieved using an <i>IP44 seal, for socket outlets</i> , see ...	<i>dto.</i>	6/29								
<b>Frames, 82 mm</b>										
<b>Versions</b>										
 <p>5TG1321</p>	<ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>Single, 82 mm x 82 mm</li> <li>Double, 153 mm x 82 mm</li> <li>Triple, 224 mm x 82 mm</li> <li>Quadruple, 295 mm x 82 mm</li> <li>Quintuple, 366 mm x 82 mm</li> </ul> </li> <li>Platinum metallic (similar to RAL 9007) <ul style="list-style-type: none"> <li>Single, 82 mm x 82 mm</li> <li>Double, 153 mm x 82 mm</li> <li>Triple, 224 mm x 82 mm</li> <li>Quadruple, 295 mm x 82 mm</li> <li>Quintuple, 366 mm x 82 mm</li> </ul> </li> </ul>	<b>5TG1321</b> <b>5TG1322</b>  <b>5TG1323</b> <b>5TG1324</b> <b>5TG1325</b>  <b>5TG1321-1</b> <b>5TG1322-1</b>  <b>5TG1323-1</b> <b>5TG1324-1</b> <b>5TG1325-1</b>								
<b>Intermediate frames, 68 mm</b>										
<b>Versions</b>										
 <p>5TG1326</p>	<ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>For inserting devices with cover plate 51 mm x 51 mm</li> <li>For inserting devices with cover plate 55 mm x 55 mm</li> <li>For inserting devices with cover plate 65 mm x 65 mm</li> </ul> </li> <li>Platinum metallic (similar to RAL 9007) <ul style="list-style-type: none"> <li>For inserting devices with cover plate 51 mm x 51 mm</li> <li>For inserting devices with cover plate 55 mm x 55 mm</li> <li>For inserting devices with cover plate 65 mm x 65 mm</li> </ul> </li> </ul>	<b>5TG1326</b> <b>5TG1327</b> <b>5TG1328</b>  <b>5TG1326-1</b> <b>5TG1327-1</b> <b>5TG1328-1</b>								
 <p>5TG1327</p>										
 <p>5TG1328</p>										





## DELTA style

## Switches and pushbuttons

## Selection and ordering data

Version			Order No.
<b>General information</b>			
<ul style="list-style-type: none"> <li>• Size of rockers: 68 mm x 68 mm</li> <li>• Degree of protection: IP20</li> </ul>			
Note	Section	Page	
<ul style="list-style-type: none"> <li>• Degree of protection IP44 for rockers can be achieved using the <i>IP44 set of seals</i>, for rockers, see ...</li> <li>• For extension claws, see ...</li> </ul>	<i>Accessories and spare parts</i>	6/28	<b>5TG4324</b>
	<i>Functions/Switching/Push-button Control/Dimming /Accessories and spare parts</i>	9/14	
<b>Rockers, neutral</b>			
Versions			
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>			
<b>5TG7141</b>			
Inserts			
<ul style="list-style-type: none"> <li>• <i>Universal switches</i></li> <li>• <i>Intermediate switches</i></li> <li>• <i>ON/OFF switches, 1-pole</i></li> <li>• <i>Pushbuttons, 1 NO contact</i></li> <li>• <i>Pushbuttons, 1 CO contact</i></li> </ul>			
	Section	Page	
	<i>Functions/Switching/Push-button Control/Dimming</i>	9/3	<b>5TA2156</b>
	<i>dto.</i>	9/4	<b>5TA2117</b>
	<i>dto.</i>	9/4	<b>5TA2151</b>
	<i>dto.</i>	9/8	<b>5TD2120</b>
	<i>dto.</i>	9/9	<b>5TD2123</b>
<b>Rockers with "Bell" symbol</b>			
Versions			
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>			
<b>5TG7144</b>			
Inserts			
<ul style="list-style-type: none"> <li>• <i>Pushbuttons, 1 NO contact</i></li> <li>• <i>Pushbuttons, 1 CO contact</i></li> </ul>			
	Section	Page	
	<i>Functions/Switching/Push-button Control/Dimming</i>	9/8	<b>5TD2120</b>
	<i>dto.</i>	9/9	<b>5TD2123</b>
<b>Rockers with "Door Opener" symbol</b>			
Versions			
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>			
<b>5TG7148</b>			
Inserts			
<ul style="list-style-type: none"> <li>• <i>Pushbuttons, 1 NO contact</i></li> <li>• <i>Pushbuttons, 1 CO contact</i></li> </ul>			
	Section	Page	
	<i>Functions/Switching/Push-button Control/Dimming</i>	9/8	<b>5TD2120</b>
	<i>dto.</i>	9/9	<b>5TD2123</b>
<b>Rockers with I/O symbols</b>			
Versions			
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>			
<b>5TG7142</b>			
Inserts			
<ul style="list-style-type: none"> <li>• <i>ON/OFF switches, 2-pole, 10 AX</i></li> <li>• <i>ON/OFF switches, 2-pole, 16 AX</i></li> <li>• <i>ON/OFF switches, 3-pole, 16 A</i></li> </ul>			
	Section	Page	
	<i>Functions/Switching/Push-button Control/Dimming</i>	9/5	<b>5TA2112</b>
	<i>dto.</i>	9/5	<b>5TA2162</b>
	<i>dto.</i>	9/5	<b>5TA2153</b>








Version	Order No.
<b>Rockers with window</b>	
	
5TG7140	
<b>Rockers with "Light" symbol and window</b>	
	
5TG7146	
<b>Rockers with labeling field</b>	
	
5TG7156	
<b>Rockers with "Bell" symbol, labeling field and window</b>	
	
5TG7150	






  

Version	Order No.	
<b>Rockers with window</b>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	5TG7140 5TG7140-1	
Inserts	Section Page	
• Switches with pilot lamp, for ON/OFF switching	Functions / Switching/Push-button Control/Dimming	9/6
• Switches with pilot lamp, for two-way switching	dto.	9/6
• Pushbuttons, 1 NO contact, with separate neutral terminal	dto.	9/9
• Pushbuttons, 1 CO contact, with separate neutral terminal	dto.	9/9
• Pushbuttons, with separate check-back indication	dto.	9/10
• Universal switches	dto.	9/3
• Intermediate switches	dto.	9/4
• ON/OFF switches, 1-pole	dto.	9/4
• Pushbuttons, 1 NO contact	dto.	9/8
• Pushbuttons, 1 CO contact	dto.	9/9
Note	Section Page	
LED light inserts, see ...	Accessories and spare parts	6/28
<b>Rockers with "Light" symbol and window</b>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	5TG7146 5TG7146-1	
Inserts	Section Page	
• Universal switches	Functions / Switching/Push-button Control/Dimming	9/3
• Intermediate switches	dto.	9/4
• ON/OFF switches, 1-pole	dto.	9/4
• Switches with pilot lamp, for ON/OFF switching	dto.	9/6
• Switches with pilot lamp, for two-way switching	dto.	9/6
• Pushbuttons, 1 NO contact	dto.	9/8
• Pushbuttons, 1 NO contact, with separate neutral terminal	dto.	9/9
• Pushbuttons, 1 CO contact, with separate neutral terminal	dto.	9/9
• Pushbuttons, with separate check-back indication	dto.	9/10
Note	Section Page	
LED light inserts, see ...	Accessories and spare parts	6/28
<b>Rockers with labeling field</b>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	5TG7156 5TG7156-1	
Inserts	Section Page	
• Universal switches	Functions / Switching/Push-button Control/Dimming	9/3
• Intermediate switches	dto.	9/4
• ON/OFF switches, 1-pole	dto.	9/4
• Pushbuttons, 1 NO contact	dto.	9/8
• Pushbuttons, 1 CO contact	dto.	9/9
Note	Section Page	
For the rocker, with labeling field, the 5TG1305 sheet of pictographs for single rocker must be ordered separately, see ...	Accessories and spare parts	6/28
<b>Rockers with "Bell" symbol, labeling field and window</b>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	5TG7150 5TG7150-1	
Inserts	Section Page	
• Pushbuttons, 1 NO contact	Functions / Switching/Push-button Control/Dimming	9/8
• Pushbuttons, 1 CO contact	dto.	9/9
Note	Section Page	
LED light inserts, see ...	Accessories and spare parts	6/28

## DELTA style

## Switches and pushbuttons

	Version	Order No.		
	<b>Rockers with labeling field and window</b>			
	Versions			
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>		5TG7155 5TG7155-1	
	Inserts	Section Page		
	• Universal switches	Functions / Switching/Push-button Control/Dimming dto.	9/3 9/6	5TA2156 5TA2150
	• Switches with pilot lamp, for ON/OFF switching	dto.	9/4	5TA2117
	• Intermediate switches	dto.	9/4	5TA2151
	• ON/OFF switches, 1-pole	dto.	9/6	5TA2108
	• Switches with pilot lamp, for two-way switching	dto.	9/8	5TD2120
	• Pushbuttons, 1 NO contact	dto.	9/9	5TD2116
• Pushbuttons, 1 NO contact, with separate neutral terminal	dto.	9/9	5TD2123	
• Pushbuttons, 1 CO contact	dto.	9/10	5TD2114	
• Pushbuttons, with separate check-back indication	dto.	9/9	5TD2117	
• Pushbuttons, 1 CO contact, with separate neutral terminal	dto.			
Note	Section Page			
	• Switches with pilot lamp for ON/OFF switching (5TA2150) can be used as heating switch. The required 5TG1316 labeling field insert "Heating Switch" must be ordered separately, see ...	Accessories and spare parts	6/28	5TG1316
	• For 5TT1210 delay timers and 5TT1200 timers, the 5TG1305 sheet of pictographs for single rocker must be ordered separately, see ...	dto.	6/28	5TG1305
	• LED light inserts, see ...	Accessories and spare parts	6/28	
	<b>Rockers, double, neutral</b>			
	Versions			
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>		5TG7145 5TG7145-1	
	Inserts	Section Page		
	• Double two-way switches	Functions / Switching/Push-button Control/Dimming dto.	9/7 9/7	5TA2118 5TA2155
	• Two-circuit switches	dto.	9/10	5TD2115
	• Pushbuttons, double, 1 NO contact, 1 CO contact	dto.	9/10	5TD2111
	• Pushbuttons, double, 2 NO contacts	dto.		
		<b>Rockers, double, with Up/Down symbols</b>		
		Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>		5TG7143 5TG7143-1		
Inserts		Section Page		
• Shutter/blind switches, with electrical and mechanical interlock		Functions / Shutter/blind controls dto.	11/2 11/2	5TA2154 5TA2114
• Shutter/blind pushbuttons, with electrical interlock		dto.		
		<b>Rockers, double, with window</b>		
		Versions		
		<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>		5TG7158 5TG7158-1
		Inserts	Section Page	
	• Two-circuit switches	Functions / Switching/Push-button Control/Dimming dto.	9/7 9/10	5TA2155 5TD2111
	• Pushbuttons, double, 2 NO contacts	dto.		





Version	Order No.						
<b>Rockers, double, with labeling field and window</b>							
	<p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>						
5TG7157	<p><b>5TG7157</b> <b>5TG7157-1</b></p>						
	<p><b>Inserts</b></p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• <i>Two-circuit switches</i></td> <td>Functions / Switching / Push-button Control / Dimming dto. 9/7</td> </tr> <tr> <td>• <i>Pushbuttons, double, 2 NO contacts</i></td> <td>9/10</td> </tr> </tbody> </table>	Section	Page	• <i>Two-circuit switches</i>	Functions / Switching / Push-button Control / Dimming dto. 9/7	• <i>Pushbuttons, double, 2 NO contacts</i>	9/10
Section	Page						
• <i>Two-circuit switches</i>	Functions / Switching / Push-button Control / Dimming dto. 9/7						
• <i>Pushbuttons, double, 2 NO contacts</i>	9/10						
	<p><b>5TA2155</b> <b>5TD2111</b></p>						
	<p><b>Note</b></p> <p>For the rocker, double, with labeling field and window, the 5TG1306 sheet of pictographs for double rocker must be ordered separately, see ...</p>						
	<p><b>Accessories and spare parts</b></p> <p>6/28</p>						
	<p><b>5TG1306</b></p>						
<b>Rockers with pull actuation</b>							
	<p>Cord approx. 2 m</p> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>						
5TG7151	<p><b>5TG7151</b> <b>5TG7151-1</b></p>						
	<p><b>Inserts</b></p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• <i>Pushbuttons, 1 NO contact</i></td> <td>Functions / Switching / Push-button Control / Dimming dto. 9/8</td> </tr> <tr> <td>• <i>Pushbuttons, 1 CO contact</i></td> <td>9/9</td> </tr> </tbody> </table>	Section	Page	• <i>Pushbuttons, 1 NO contact</i>	Functions / Switching / Push-button Control / Dimming dto. 9/8	• <i>Pushbuttons, 1 CO contact</i>	9/9
Section	Page						
• <i>Pushbuttons, 1 NO contact</i>	Functions / Switching / Push-button Control / Dimming dto. 9/8						
• <i>Pushbuttons, 1 CO contact</i>	9/9						
	<p><b>5TD2120</b> <b>5TD2123</b></p>						
<b>Hotel card switches, with lighting</b>							
	<ul style="list-style-type: none"> <li>• Includes white LED light insert (5TG7354)</li> <li>• For cards up to 54 mm x 85 mm, 0.7 to 1.0 mm thick</li> <li>• For screw and claw fixing</li> <li>• Insertion of a card controls a mechanical contact</li> </ul> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>						
5TG4830	<p><b>5TG4830</b> <b>5TG4830-1</b></p>						
<b>Service switches, double</b>							
	<ul style="list-style-type: none"> <li>• Mechanical interlocking</li> <li>• Imprint in English: "DO NOT DISTURB" and "MAKE UP ROOM"</li> </ul> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>						
5TD2863	<p><b>5TD2863</b> <b>5TD2863-1</b></p>						
	<p><b>Note</b></p> <p>The service switch can also be used as a supplement to the service display.</p>						
	<p><b>Service displays</b></p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Titanium white (similar to RAL 9010)</td> <td>Add on devices 6/27</td> </tr> <tr> <td>• Platinum metallic (similar to RAL 9007)</td> <td>dto. 6/27</td> </tr> </tbody> </table>	Section	Page	• Titanium white (similar to RAL 9010)	Add on devices 6/27	• Platinum metallic (similar to RAL 9007)	dto. 6/27
Section	Page						
• Titanium white (similar to RAL 9010)	Add on devices 6/27						
• Platinum metallic (similar to RAL 9007)	dto. 6/27						
	<p><b>5TD2862</b> <b>5TD2862-1</b></p>						
							
5TD2862							

## DELTA style

## Socket outlets

## Selection and ordering data





Version	Order No.						
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw and claw fixing</li> <li>• SCHUKO® socket outlets: 16 A, 250 V AC; 10 A, 250 V DC</li> <li>• Live parts of inserts are covered by molded plastic, with self-retracting claws</li> <li>• The screwless terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm<sup>2</sup></li> <li>• Degree of protection: IP20</li> <li>• Size of cover plates: 68 mm x 68 mm</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For extension claws, see ...</td> <td><i>Functions / Switching/ Push-button Control/Dimming / Accessories and spare parts</i></td> <td>9/14</td> </tr> </tbody> </table>	Note	Section	Page	For extension claws, see ...	<i>Functions / Switching/ Push-button Control/Dimming / Accessories and spare parts</i>	9/14	
Note	Section	Page					
For extension claws, see ...	<i>Functions / Switching/ Push-button Control/Dimming / Accessories and spare parts</i>	9/14					
<p><b>SCHUKO® socket outlets</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- With claws</li> <li>- Without claws for hollow-wall mounting</li> </ul> </li> <li>• Platinum metallic (similar to RAL 9007)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> <li>• Red (similar to RAL 3003) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with WSV<sup>3)</sup></li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td>6/29</td> </tr> </tbody> </table> <p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).  <sup>2)</sup> ZSV: Additional safety power supply (BEV)  <sup>3)</sup> WSV: Another additional safety power supply (BEV).</p>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29	<p><b>5UB1853</b></p> <p><b>5UB1853-0KK</b></p> <p><b>5UB1853-1</b></p> <p><b>5UB1851</b></p> <p><b>5UB1850</b></p> <p><b>5UB1828</b></p>
Note	Section	Page					
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29					
<p><b>SCHUKO® socket outlets with increased touch protection</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010) <ul style="list-style-type: none"> <li>- With claws</li> <li>- Without claws for hollow-wall mounting</li> </ul> </li> <li>• Platinum metallic (similar to RAL 9007)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> <li>• Red (similar to RAL 3003) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with WSV<sup>3)</sup></li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td>6/29</td> </tr> </tbody> </table> <p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).  <sup>2)</sup> ZSV: Additional safety power supply (BEV)  <sup>3)</sup> WSV: Another additional safety power supply (BEV).</p>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29	<p><b>5UB1855</b></p> <p><b>5UB1855-0KK</b></p> <p><b>5UB1855-1</b></p> <p><b>5UB1835</b></p> <p><b>5UB1836</b></p> <p><b>5UB1837</b></p>
Note	Section	Page					
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29					
<p><b>SCHUKO® socket outlets, with "EDV" imprint</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td>6/29</td> </tr> </tbody> </table>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29	<p><b>5UB1825</b></p> <p><b>5UB1825-1</b></p>
Note	Section	Page					
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29					





Version	Order No.												
 <p><b>Schuko® with double USB charger</b> <span style="color: orange;">NEW</span></p> <ul style="list-style-type: none"> <li>• Nominal input voltage: 100 ... 250 V AC</li> <li>• Nominal frequency: 50/60 Hz</li> <li>• Nominal output voltage: 5 V DC</li> <li>• DC output: 2 x USB type A socket</li> <li>• Maximum output current: 2400 mA (via a USB connection)</li> <li>• Current per socket: 1200 mA (when using both USB)</li> <li>• Standby mode: &lt; 0.2 W</li> <li>• Safety: short circuit protection, overheating protection, increased protection against accidental contact</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<p><b>5UB1870-0TW01</b></p> <p><b>5UB1870-0TW01</b></p> <p><b>5UB1870-0PM01</b></p>												
 <p><b>SCHUKO® socket outlets with "SV" imprint<sup>1)</sup></b> Green (similar to RAL 6018)</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td>6/29</td> </tr> </tbody> </table> <p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).</p>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29	<p><b>5UB1826</b></p>						
Note	Section	Page											
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29											
 <p><b>SCHUKO® socket outlets with "ZSV" imprint<sup>1)</sup></b> Orange (similar to RAL 2004)</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Label sheets for marking the inserts, see ...</td> <td><i>Accessories and spare parts</i></td> <td>6/29</td> </tr> </tbody> </table> <p>Footnote</p> <p><sup>1)</sup> ZSV: Additional safety power supply (BEV).</p>	Note	Section	Page	Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29	<p><b>5UB1827</b></p>						
Note	Section	Page											
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29											
 <p><b>SCHUKO® socket outlets with status display</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> <li>• Green (similar to RAL 6018) (SV)<sup>1)</sup></li> <li>• Orange (similar to RAL 2004) (ZSV)<sup>2)</sup></li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• 5TG7304 spare glow lamp, for SCHUKO® socket outlet with status display, see ...</td> <td><i>Accessories and spare parts</i></td> <td>6/30</td> </tr> <tr> <td>• Label sheets, for marking the inserts, see ...</td> <td>dto.</td> <td>6/29</td> </tr> <tr> <td>• For Technical specifications, see ...</td> <td><i>Technical Information / Socket Outlets / SCHUKO® socket outlet with status display</i></td> <td>16/12</td> </tr> </tbody> </table> <p>Footnote</p> <p><sup>1)</sup> SV: Safety power supply (AEV).</p> <p><sup>2)</sup> ZSV: Additional safety power supply (BEV)</p>	Note	Section	Page	• 5TG7304 spare glow lamp, for SCHUKO® socket outlet with status display, see ...	<i>Accessories and spare parts</i>	6/30	• Label sheets, for marking the inserts, see ...	dto.	6/29	• For Technical specifications, see ...	<i>Technical Information / Socket Outlets / SCHUKO® socket outlet with status display</i>	16/12	<p><b>5UB1844</b></p> <p><b>5UB1844-1</b></p> <p><b>5UB1845</b></p> <p><b>5UB1846</b></p>
Note	Section	Page											
• 5TG7304 spare glow lamp, for SCHUKO® socket outlet with status display, see ...	<i>Accessories and spare parts</i>	6/30											
• Label sheets, for marking the inserts, see ...	dto.	6/29											
• For Technical specifications, see ...	<i>Technical Information / Socket Outlets / SCHUKO® socket outlet with status display</i>	16/12											

## DELTA style

## Socket outlets



6

Version		Order No.
		
<b>SCHUKO® socket outlets, with increased touch protection and labeling field</b>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> <li>• Red (similar to RAL 3003) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with WSV<sup>3)</sup></li> </ul> </li> </ul>		<b>5UB1857</b> <b>5UB1857-1</b> <b>5UB1815</b>  <b>5UB1816</b>  <b>5UB1856</b>
Note	Section	Page
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	6/29
Footnote		
<sup>1)</sup> SV: Safety power supply (AEV). <sup>2)</sup> ZSV: Additional safety power supply (BEV) <sup>3)</sup> WSV: Another additional safety power supply (BEV).		
Version		Order No.
		
<b>SCHUKO® socket outlets, with increased touch protection, status display and labeling field</b>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>		<b>5UB1854</b> <b>5UB1854-1</b>
Note	Section	Page
<ul style="list-style-type: none"> <li>• 5TG7304 <i>spare glow lamps</i>, see ...</li> <li>• For Technical specifications, see ...</li> </ul>	<i>Accessories and spare parts</i>	6/30
	Technical Information / Socket Outlets / SCHUKO® socket outlets with status display	16/12
<b>5TG7304</b>		
		
<b>SCHUKO® socket outlets with increased touch protection, overvoltage protection, function indication and labeling field</b>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>		<b>5UB1858</b> <b>5UB1858-1</b>
Note	Section	Page
<ul style="list-style-type: none"> <li>• 5UH1300 <i>spare overvoltage protection module</i>, see ...</li> <li>• For Technical specifications, see ...</li> </ul>	<i>Accessories and spare parts</i>	6/30
	Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection	16/12
<b>5UH1300</b>		
		
<b>SCHUKO® socket outlets with hinged lid</b>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> <li>• Green (similar to RAL 6018) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with SV<sup>1)</sup></li> </ul> </li> <li>• Orange (similar to RAL 2004) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with ZSV<sup>2)</sup></li> </ul> </li> <li>• Red (similar to RAL 3003) <ul style="list-style-type: none"> <li>- Without labeling</li> <li>- For use with WSV<sup>3)</sup></li> </ul> </li> </ul>		<b>5UB1852</b> <b>5UB1852-1</b> <b>5UB1838</b>  <b>5UB1840</b>  <b>5UB1841</b>
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 ...	<i>Accessories and spare parts</i>	6/29
Footnote		
<sup>1)</sup> SV: Safety power supply (AEV). <sup>2)</sup> ZSV: Additional safety power supply (BEV) <sup>3)</sup> WSV: Another additional safety power supply (BEV).		
<b>5TG4318</b>		

Version	Order No.						
<b>SCHUKO® socket outlets with hinged lid and increased touch protection</b>							
Versions							
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<b>5UB1842</b> <b>5UB1842-1</b>						
<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Degree of protection IP44 for <i>SCHUKO® socket outlets with hinged lid</i> can be achieved using an <i>IP44 seal</i>, for <i>socket outlets</i>, see ...</td> <td><i>Accessories and spare parts</i></td> <td>6/29</td> </tr> </tbody> </table>	Note	Section	Page	Degree of protection IP44 for <i>SCHUKO® socket outlets with hinged lid</i> can be achieved using an <i>IP44 seal</i> , for <i>socket outlets</i> , see ...	<i>Accessories and spare parts</i>	6/29	<b>5TG4318</b>
Note	Section	Page					
Degree of protection IP44 for <i>SCHUKO® socket outlets with hinged lid</i> can be achieved using an <i>IP44 seal</i> , for <i>socket outlets</i> , see ...	<i>Accessories and spare parts</i>	6/29					
							
5UB1842							
<b>SCHUKO® socket outlets with hinged lid, increased touch protection and labeling field</b>							
Versions							
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<b>5UB1843</b> <b>5UB1843-1</b>						
<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>IP44 protection for <i>SCHUKO® socket outlets with a hinged lid</i> can be achieved with the <i>5TG4318 seal</i>, see ...</td> <td><i>Accessories and spare parts</i></td> <td>6/29</td> </tr> </tbody> </table>	Note	Section	Page	IP44 protection for <i>SCHUKO® socket outlets with a hinged lid</i> can be achieved with the <i>5TG4318 seal</i> , see ...	<i>Accessories and spare parts</i>	6/29	<b>5TG4318</b>
Note	Section	Page					
IP44 protection for <i>SCHUKO® socket outlets with a hinged lid</i> can be achieved with the <i>5TG4318 seal</i> , see ...	<i>Accessories and spare parts</i>	6/29					
							
5UB1843							
<b>SCHUKO® socket outlets with hinged lid, improved touch protection, status display and labeling field</b>							
Versions							
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<b>5UB1847</b> <b>5UB1847-1</b>						
<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>IP44 protection for <i>SCHUKO® socket outlets with a hinged lid</i> can be achieved with the <i>5TG4318 seal</i>, see ...</td> <td><i>Accessories and spare parts</i></td> <td>6/29</td> </tr> </tbody> </table>	Note	Section	Page	IP44 protection for <i>SCHUKO® socket outlets with a hinged lid</i> can be achieved with the <i>5TG4318 seal</i> , see ...	<i>Accessories and spare parts</i>	6/29	<b>5TG4318</b>
Note	Section	Page					
IP44 protection for <i>SCHUKO® socket outlets with a hinged lid</i> can be achieved with the <i>5TG4318 seal</i> , see ...	<i>Accessories and spare parts</i>	6/29					
							
5UB1847							
<b>Cover plates with hinged lid</b>							
For modification of SCHUKO® socket outlets							
Versions							
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<b>5TG1340</b> <b>5TG1340-1</b>						
							
5TG1340							

## DELTA style





## Chargers

Version		Order No.
<b>Charger</b>		
 5TG1342	<b>Cover plates for Double USB charger</b>	
	Versions <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	
	Inserts <ul style="list-style-type: none"> <li>• USB-Double USB-charger</li> </ul>	
	Section	Page
	<i>i system / Chargers</i>	2/16
	<b>5TG1342</b>	
	<b>5TG1342-1</b>	
 5TG1378-0TW	<b>Cover plates for Double USB charger<sup>1)</sup> <span style="color: orange;">NEW</span></b>	
	Versions <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	
	Inserts <ul style="list-style-type: none"> <li>• USB-Double USB-charger</li> </ul>	
	Section	Page
	<i>i system / Chargers</i>	2/16
	<b>5TG1378-0TW</b>	
	<b>5TG1378-0PM</b>	
	<b>5TG2025-2</b>	
	<b>5TG2025-3</b>	

1) Please order cover plate separately.







## Selection and ordering data





Version	Order No.
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• With screw and claw fixing</li> <li>• Size of cover plates: 68 mm x 68 mm</li> </ul>	
 <p><b>Socket outlets with grounding pin and increased touch protection</b></p> <ul style="list-style-type: none"> <li>• 16 A, 250 V AC, live parts of the inserts are covered by molded plastic</li> <li>• 2-pole according to CEE7</li> <li>• French/Belgian standard</li> <li>• With anti-slip terminals, up to 4 x 2.5 mm<sup>2</sup></li> </ul>	
<p>Versions</p>	
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<p>5UB1367 5UB1367-1</p>
<p>5UB1367</p>	
 <p><b>Socket outlets, according to American standard C 73</b></p> <ul style="list-style-type: none"> <li>• 15 A, 125 V AC</li> <li>• With central plate 51 mm x 51 mm and intermediate frame</li> <li>• Screw terminals</li> <li>• Titanium white (similar to RAL 9010)</li> </ul>	<p>5UB1368</p>
<p>5UB1368</p>	
 <p><b>NEMA socket outlets</b></p> <ul style="list-style-type: none"> <li>• In i-system design</li> <li>• 2-pole (2P + E)</li> <li>• NEMA 5-20R</li> <li>• 20 A, 125 V AC</li> <li>• For 58 series mounting boxes</li> <li>• For screw fixing only</li> <li>• Titanium white (similar to RAL 9010)</li> </ul>	<p>5UB1534</p>
<p>Note</p>	
<p>The <i>NEMA socket outlet</i> can only be used with the <i>DELTA style</i> product range if used together with an <i>intermediate frame, 68 mm, for inserting devices with cover plate 55 mm x 55 mm, titanium white.</i></p>	<p>5TG1327</p>
<p>5UB1534</p>	
 <p><b>NEMA socket outlets with hinged lid</b></p> <ul style="list-style-type: none"> <li>• In i-system design</li> <li>• 2-pole (2P + E)</li> <li>• NEMA 5-20R</li> <li>• 20 A, 125 V AC</li> <li>• For 58 series mounting boxes</li> <li>• For screw fixing only</li> <li>• Titanium white (similar to RAL 9010)</li> </ul>	<p>5UB1535</p>
<p>Note</p>	
<p>The <i>NEMA socket outlet with hinged lid</i> can only be used with the <i>DELTA style</i> product range if used together with an <i>intermediate frame, 68 mm, for inserting devices with cover plate 55 mm x 55 mm, titanium white.</i></p>	<p>5TG1327</p>
<p>5UB1535</p>	

## DELTA style

## Shutter/blind controls

## Selection and ordering data












Version	Order No.								
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw and claw fixing</li> <li>• Degree of protection: IP20</li> <li>• Size of rockers: 68 mm x 68 mm</li> </ul>									
 <p><b>Rockers, double, with Up/Down symbols</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul> <p>Inserts</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Shutter/blind switches, with electrical and mechanical interlock</td> <td>Functions / Shutter/blind controls 11/2</td> </tr> <tr> <td>• Shutter/blind pushbuttons, with electrical interlock</td> <td>11/2</td> </tr> </tbody> </table>	Section	Page	• Shutter/blind switches, with electrical and mechanical interlock	Functions / Shutter/blind controls 11/2	• Shutter/blind pushbuttons, with electrical interlock	11/2	<p><b>5TG7143</b> <b>5TG7143-1</b></p> <p><b>5TA2154</b> <b>5TA2114</b></p>		
Section	Page								
• Shutter/blind switches, with electrical and mechanical interlock	Functions / Shutter/blind controls 11/2								
• Shutter/blind pushbuttons, with electrical interlock	11/2								
<p>5TG7143</p>									
 <p><b>Cover plates, with Up/Down symbols, for shutter/blind knob-operated switch</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul> <p>Inserts</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Shutter/blind knob-operated switches</td> <td>Functions / Shutter/blind controls 11/2</td> </tr> <tr> <td>• 1-pole</td> <td></td> </tr> <tr> <td>• 2-pole</td> <td>11/2</td> </tr> </tbody> </table>	Section	Page	• Shutter/blind knob-operated switches	Functions / Shutter/blind controls 11/2	• 1-pole		• 2-pole	11/2	<p><b>5TG1360</b> <b>5TG1360-1</b></p> <p><b>5TA7692</b> <b>5TA7693</b></p>
Section	Page								
• Shutter/blind knob-operated switches	Functions / Shutter/blind controls 11/2								
• 1-pole									
• 2-pole	11/2								
<p>5TG1360</p>									
 <p><b>Shutter/blind key-operated switches for master-key systems, with Up/Down symbols</b></p> <ul style="list-style-type: none"> <li>• 10 A, 250 V AC</li> <li>• Key can only be withdrawn in neutral position</li> <li>• 5TG4225 profile semicylinder must be ordered separately</li> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• 1-pole, changeover contact with neutral position <ul style="list-style-type: none"> <li>- Momentary-contact and maintained-contact position to left and right</li> <li>- Momentary-contact position to left and right</li> <li>- Maintained-contact position to left and right</li> </ul> </li> <li>• 2-pole, changeover contact with neutral position <ul style="list-style-type: none"> <li>- Momentary-contact and maintained-contact position to left and right</li> <li>- Momentary-contact position on both sides,</li> </ul> </li> <li>• 2-pole, changeover contact without neutral position <ul style="list-style-type: none"> <li>- Momentary-contact position to left and right,</li> </ul> </li> </ul> <p>Note</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• 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)</td> <td>Frames 6/5</td> </tr> <tr> <td>• For Technical specifications, see ...</td> <td>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems 16/33</td> </tr> </tbody> </table>	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	• For Technical specifications, see ...	Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems 16/33	<p><b>5TA7664</b> <b>5TA7666</b> <b>5TA7668</b></p> <p><b>5TA7665</b> <b>5TA7667</b></p> <p><b>5TA7670</b></p> <p><b>5TG1327</b></p>		
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								
• For Technical specifications, see ...	Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems 16/33								
<p>5TA7664</p>									
 <p><b>Profile semicylinders for "shutter/blind key-operated switches for master-key systems with Up/Down symbols"</b></p> <ul style="list-style-type: none"> <li>• CES product</li> <li>• With three keys</li> <li>• Identical key type</li> </ul>	<p><b>5TG4225</b></p>								
<p>5TG4225</p>									

	Version	Order No.												
 <p>5TC1337</p>	<p><b>sys shutter/blind pushbuttons</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>sys shutter/blind control inserts</i></td> <td><i>Functions / Shutter/blind controls</i></td> <td>11/3</td> </tr> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / sys shutter/blind pushbuttons</i></td> <td>16/34</td> </tr> </tbody> </table>	Note	Section	Page	<i>sys shutter/blind control inserts</i>	<i>Functions / Shutter/blind controls</i>	11/3	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / sys shutter/blind pushbuttons</i>	16/34	<p>5TC1337</p> <p>5TC1231</p>
Note	Section	Page												
<i>sys shutter/blind control inserts</i>	<i>Functions / Shutter/blind controls</i>	11/3												
Note	Section	Page												
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / sys shutter/blind pushbuttons</i>	16/34												
 <p>5TC1555</p>	<p><b>Shutter/blind controls</b></p> <ul style="list-style-type: none"> <li>• For controlling a blind or shutter motor with mechanical or electronic limit switches</li> <li>• Operation is by means of 4 control buttons</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul> <p>Product features</p> <ul style="list-style-type: none"> <li>• Flush-mounting device without an extension unit input</li> <li>• 230 V AC, 50 Hz (N conductor required)</li> <li>• For screw and claw fixing</li> <li>• Type of connection: screw terminals</li> <li>• 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s</li> <li>• Bridging of voltage interruptions &lt; 0.2 s</li> <li>• Connected load: max. 1 motor up to 1000 W</li> <li>• Pulse duration: approx. 2 min</li> <li>• Accuracy: ± 1 min per month</li> <li>• Reserve power: &gt; 6 h</li> <li>• Switching times: max. 4 (in 2 blocks: Mo ... Fr / Sa ... Su)</li> <li>• Factory preset switching times for faster commissioning</li> <li>• Possible reset to factory settings</li> <li>• Manual operation possible at any time</li> </ul>	<p>5TC1555</p> <p>5TC1555-1</p>												
 <p>5TC1270</p>	<p><b>Shutter/blind control flush-mounting isolating relays</b></p> <ul style="list-style-type: none"> <li>• Double, with individual control</li> <li>• Relay for the control of several shutters or blinds</li> <li>• Two motors can be controlled per isolating relay, even if further isolating relays are connected downstream</li> <li>• Option for individual control of connected motors over shutter/blind pushbutton (e.g. 5TA2114)</li> <li>• 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)</li> <li>• Only for in-phase operation</li> <li>• 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz</li> <li>• 58 mm x 59 mm x 22 mm</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays</i></td> <td>16/42</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays</i>	16/42	<p>5TC1270</p>						
Note	Section	Page												
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays</i>	16/42												
 <p>5TC1271</p>	<p><b>Shutter/blind control flush-mounting isolating relays, compact</b></p> <ul style="list-style-type: none"> <li>• Relay for the control of several shutters or blinds</li> <li>• 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</li> <li>• If cascaded, a motor can be connected to each compact isolating relay, which can also be individually controlled over a shutter/blind pushbutton</li> <li>• 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)</li> <li>• Only for in-phase operation</li> <li>• 8 A (AC-1) or 3 A (ind.), 230 V AC, 50 Hz</li> <li>• 50 mm x 53 mm x 22 mm</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact</i></td> <td>16/43</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact</i>	16/43	<p>5TC1271</p>						
Note	Section	Page												
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact</i>	16/43												



## DELTA style

## Lighting controls

## Selection and ordering data



Version		Order No.
<b>General information</b> <ul style="list-style-type: none"> <li>• For screw and claw fixing</li> <li>• Degree of protection: IP20</li> <li>• Size of cover plates: 68 mm x 68 mm</li> </ul>		
<b>Rotary dimmers</b>		
<b>Cover plates with rotary button, for dimmers</b>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>		
		
5TC8912		
Symbol	Inserts	Section Page
	Incandescent lamp dimmers, 50 ... 600 W, for two-way switching	dto. 9/11
		
	Low-voltage dimmers, for magnetic transformers, 50 ... 600 W,	dto. 9/11
	25 ... 500 VA, for two-way switching	
		
	Low voltage LED Dimmer 60W, for magnetic transformers	dto. 9/12
	6 ... 120 W, for two-way switching	
	Low-voltage dimmers, for electronic transformers, 60 ... 800 W,	dto. 9/12
	60 ... 800 VA, for two-way switching	
		
<b>Motion detector</b>		
<b>Motion detector <span style="color: red;">NEW</span></b>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul>		
Technical specifications		
<ul style="list-style-type: none"> <li>• Brightness threshold: 10 - 2000 Lux. - Time setting: 15sec. - 16min., pulse</li> <li>• Supply voltage: 110 - 240 V AC 50 / 60 Hz</li> <li>• Detection angle <ul style="list-style-type: none"> <li>- Max. 10 m when walking transversally to the detector</li> <li>- Range (1.10 - 2.20 m mounting height)</li> <li>- Max. 10 m when walking transversally to the detector Approx. 3 m when walking towards the detector</li> </ul> </li> <li>• Protection: Protection class IP20 / II / CE</li> <li>• Dimensions L x W x H: 70 x 70 x 61 mm</li> <li>• Switching power 180-R <ul style="list-style-type: none"> <li>- Ohmic load 2300W, cosφ=1</li> <li>- Inductive load 1150 VA, cosφ=0.5</li> <li>- Halogen lamps with transformer 1000 VA</li> </ul> </li> </ul>		
Note		
Required for use with DELTA style intermediate frame titanium white 5TG1327	Frames	6/5
Note		
For Technical specifications, see ...	Technical Information	16/29

## Selection and ordering data

Version		Order No.
 5TC9774-4PM00	<b>Room thermostat <span style="color: orange;">NEW</span></b> <ul style="list-style-type: none"> <li>Input rated voltage: 230 V~ - 50 Hz</li> <li>Switching capacity NC: 10 A / 230 V~</li> <li>Switching capacity NO: 5 A / 230 V~</li> <li>Sensor type: bimetal type 1C Operating temp.: 5 to 30°C</li> </ul>	<b>5TC9774-4WH00</b> <b>5TC9774-4PM00</b>
	<b>Versions</b> <ul style="list-style-type: none"> <li>Polar white (similar to RAL 9016)</li> <li>Platinum metallic (similar to RAL9007)</li> </ul>	
	<b>Note</b> Required for use with DELTA style intermediate frames titanium white 5TG1327 and 5TG1327-1 platinum metallic	
 5TC9774-5WH00	<b>Underfloor heating thermostat <span style="color: orange;">NEW</span></b> <ul style="list-style-type: none"> <li>Input rated voltage: 230 V~ - 50 Hz</li> <li>External sensor (included): length 4 m (extendable to 50 m).</li> <li>Sensor: external or internal &amp; external (monitor)</li> <li>Switching capacity: 16 A / 230 V~</li> <li>Operating temp.: 10 to 50°C (scale of 1 to 5)</li> </ul>	<b>5TC9774-5WH00</b> <b>5TC9774-5PM00</b>
	<b>Versions</b> <ul style="list-style-type: none"> <li>Polar white (similar to RAL 9016)</li> <li>Platinum metallic (similar to RAL9007)</li> </ul>	
	<b>Note</b> Required for use with DELTA style intermediate frames titanium white 5TG1327 and 5TG1327-1 platinum metallic	

## DELTA style



## Room temperature controllers

Version	Order No.												
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw fixing</li> <li>• Degree of protection: IP20</li> <li>• Size of cover plates: 65 mm x 65 mm, supplied with intermediate frames: 68 mm x 68 mm</li> </ul>													
 <p><b>Cover plates for room temperature controllers, NC/CO</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul> <table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>• Room temperature controllers, 1 NC contact</td> <td>Functions / Room Temperature Controllers</td> <td>12/3</td> <td>5TC9200</td> </tr> <tr> <td>• Room temperature controllers, 1 CO contact</td> <td>dto.</td> <td>12/3</td> <td>5TC9201</td> </tr> </tbody> </table>	Inserts	Section	Page	Order No.	• Room temperature controllers, 1 NC contact	Functions / Room Temperature Controllers	12/3	5TC9200	• Room temperature controllers, 1 CO contact	dto.	12/3	5TC9201	5TC9256
Inserts	Section	Page	Order No.										
• Room temperature controllers, 1 NC contact	Functions / Room Temperature Controllers	12/3	5TC9200										
• Room temperature controllers, 1 CO contact	dto.	12/3	5TC9201										
 <p><b>Cover plates for room temperature controllers, 3-position switch</b></p> <p>Possible positions: automatic timing, constant day temperature, constant nighttime reduction</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul> <table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> <th>Order No.</th> </tr> </thead> <tbody> <tr> <td>Room temperature controllers, 3-position switch</td> <td>Functions / Room Temperature Controllers</td> <td>12/3</td> <td>5TC9202</td> </tr> </tbody> </table>	Inserts	Section	Page	Order No.	Room temperature controllers, 3-position switch	Functions / Room Temperature Controllers	12/3	5TC9202	5TC9258				
Inserts	Section	Page	Order No.										
Room temperature controllers, 3-position switch	Functions / Room Temperature Controllers	12/3	5TC9202										

5TC9256





5TC9258

## Selection and ordering data



Version			Order No.	
<b>General information</b>				
Size of cover plates: 68 mm x 68 mm				
 5TG1342	<b>Cover plates for TAE outlet boxes, loudspeaker outlet boxes and double USB charger</b>			
	Versions			
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>			
	5TG1342 5TG1342-1			
	Inserts			
	<ul style="list-style-type: none"> <li>• Loudspeaker outlet boxes               <ul style="list-style-type: none"> <li>- Single</li> <li>- Double</li> </ul> </li> </ul>			
		Section	Page	
		dto.	13/9	5TG2467-2
		dto.	13/9	5TG2468-2
	• HDMI-Connector with claws, white	Functions / Data and Communication Systems	13/7	5TG2020-0
• HDMI-Connector with claws, grey	dto.	13/7	5TG2020-1	
• VGA-Connector with claws, white	dto.	13/7	5TG2021-0	
• VGA-Connector with claws, white	dto.	13/7	5TG2021-1	
• USB-Connector with claws, white	dto.	13/7	5TG2022-0	
• USB-Connector with claws, grey	dto.	13/7	5TG2022-1	
• USB-Double USB-charger	i system / Chargers	2/16	5TG2025-2	
 5TG1394	<b>Cover plates for UAE outlet boxes, knock-out</b>			
	<ul style="list-style-type: none"> <li>• For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6)</li> <li>• For Cat.6 inserts from BTR (E-DAT)</li> <li>• With 45° inclined outlet</li> <li>• For single and double</li> <li>• Inclined outlet can be knocked out for 2 x 8 inserts</li> </ul>			
	Versions			
	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>			
	5TG1394 5TG1394-1			
	Inserts			
	UAE outlet boxes			
	• Cat.3, Rutenbeck, 1 x 8-pole	Functions / Data and Communication Systems	13/2	5TG2417
	• Cat.3, Rutenbeck, 2 x 8-pole (8/8)	dto.	13/2	5TG2406
	• UAE outlet boxes, STP Cat.6e			
- 1X8 POL STP RJ45			5TG2026-1	
- 2X8POL STP RJ45			5TG2026-2	
• UAE outlet boxes, UTP real Cat.6a, Rutenbeck				
- 1X8POL UTP RJ45			5TG2027-1	
- 2X8POL UTP RJ45			5TG2027-2	
Note				
The UAE cover plate can be combined with				
<ul style="list-style-type: none"> <li>• AMJ45 and UMJ45 Up 0 inserts (without central plate) from Telegärtner,</li> <li>• AMP-TWIST-6S Plannar Up 0 inserts from Tyco electronics and</li> <li>• Cat.5e UP 0 inserts from Tyco electronics.</li> </ul>				

## DELTA style

## Communication

	Version	Order No.																																											
 5TG1395	<b>Cover plates for UAE outlet boxes, knock-out, with labeling plate</b> <ul style="list-style-type: none"> <li>For inserts from Rutenbeck (Cat.3, Cat.5 and Cat.6)</li> <li>For Cat.6 inserts from BTR (E-DAT)</li> <li>With 45° inclined outlet</li> <li>For single and double</li> <li>Inclined outlet can be knocked out for 2 x 8 inserts</li> </ul>																																												
	<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Platinum metallic (similar to RAL 9007)</li> </ul>		<b>5TG1395</b> <b>5TG1395-1</b>																																										
	<table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>UAE outlet boxes</i></td> <td></td> <td></td> </tr> <tr> <td>• Cat.3, Rutenbeck, 1 x 8-pole</td> <td><i>Functions / Data and Communication Systems</i></td> <td>13/2</td> </tr> <tr> <td>• Cat.3, Rutenbeck, 2 x 8-pole (8/8)</td> <td><i>dto.</i></td> <td>13/2</td> </tr> <tr> <td>• <i>UAE outlet boxes, STP Cat.6e</i></td> <td></td> <td></td> </tr> <tr> <td>- 1X8 POL STP RJ45</td> <td></td> <td></td> </tr> <tr> <td>- 2X8POL STP RJ45</td> <td></td> <td></td> </tr> <tr> <td>• <i>UAE outlet boxes, UTP real Cat.6a, Rutenbeck</i></td> <td></td> <td></td> </tr> <tr> <td>- 1X8POL UTP RJ45</td> <td></td> <td></td> </tr> <tr> <td>- 2X8POL UTP RJ45</td> <td></td> <td></td> </tr> </tbody> </table>		Inserts	Section	Page	<i>UAE outlet boxes</i>			• Cat.3, Rutenbeck, 1 x 8-pole	<i>Functions / Data and Communication Systems</i>	13/2	• Cat.3, Rutenbeck, 2 x 8-pole (8/8)	<i>dto.</i>	13/2	• <i>UAE outlet boxes, STP Cat.6e</i>			- 1X8 POL STP RJ45			- 2X8POL STP RJ45			• <i>UAE outlet boxes, UTP real Cat.6a, Rutenbeck</i>			- 1X8POL UTP RJ45			- 2X8POL UTP RJ45															
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 5TG1343	<b>Cover plates, for Modular Jack support plate, with labeling field</b> Cover plates with shutter																																												
	<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Platinum metallic (similar to RAL 9007)</li> </ul>		<b>5TG1343</b> <b>5TG1343-1</b>																																										
	<table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Modular Jack support plates</i></td> <td></td> <td></td> </tr> <tr> <td>• <i>Red inserts</i></td> <td><i>Functions / Data and Communication Systems</i></td> <td>13/3</td> </tr> <tr> <td>• <i>Black inserts</i></td> <td><i>dto.</i></td> <td>13/3</td> </tr> <tr> <td>• <i>Yellow inserts</i></td> <td><i>dto.</i></td> <td>13/4</td> </tr> <tr> <td>• <i>Orange inserts</i></td> <td><i>dto.</i></td> <td>13/4</td> </tr> <tr> <td>• <i>Blue inserts</i></td> <td><i>dto.</i></td> <td>13/4</td> </tr> <tr> <td>• <i>Brown inserts</i></td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• <i>Green inserts</i></td> <td><i>dto.</i></td> <td>13/4</td> </tr> <tr> <td>• <i>Transparent inserts</i></td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• <i>White inserts</i></td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• <i>Grey inserts</i></td> <td><i>dto.</i></td> <td>13/5</td> </tr> <tr> <td>• <i>Silver inserts</i></td> <td><i>dto.</i></td> <td>13/6</td> </tr> <tr> <td>• <i>Beige inserts</i></td> <td><i>dto.</i></td> <td>13/4</td> </tr> </tbody> </table>		Inserts	Section	Page	<i>Modular Jack support plates</i>			• <i>Red inserts</i>	<i>Functions / Data and Communication Systems</i>	13/3	• <i>Black inserts</i>	<i>dto.</i>	13/3	• <i>Yellow inserts</i>	<i>dto.</i>	13/4	• <i>Orange inserts</i>	<i>dto.</i>	13/4	• <i>Blue inserts</i>	<i>dto.</i>	13/4	• <i>Brown inserts</i>	<i>dto.</i>	13/5	• <i>Green inserts</i>	<i>dto.</i>	13/4	• <i>Transparent inserts</i>	<i>dto.</i>	13/5	• <i>White inserts</i>	<i>dto.</i>	13/5	• <i>Grey inserts</i>	<i>dto.</i>	13/5	• <i>Silver inserts</i>	<i>dto.</i>	13/6	• <i>Beige inserts</i>	<i>dto.</i>	13/4	<b>5TG2078</b> <b>5TG2080</b> <b>5TG2081</b> <b>5TG2082</b> <b>5TG2083</b> <b>5TG2084</b> <b>5TG2058</b> <b>5TG2058-1</b> <b>5TG2058-2</b> <b>5TG2058-3</b> <b>5TG2058-4</b> <b>5TG2098</b>
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<b>Note</b> The UAE cover plate can be combined with <ul style="list-style-type: none"> <li>AMJ45 and UMJ45 Up 0 inserts (without central plate) from Telegärtner,</li> <li>AMP-TWIST-6S Plannar Up 0 inserts from Tyco electronics and</li> <li>Cat.5e UP 0 inserts from Tyco electronics.</li> </ul>																																													
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 5TG1358	<b>Cover plates, inclined outlet, with labeling field</b> <ul style="list-style-type: none"> <li>For fiber-optic mounting plates</li> <li>For screw fixing</li> </ul>																																												
	<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Platinum metallic (similar to RAL 9007)</li> </ul>		<b>5TG1358</b> <b>5TG1358-1</b>																																										
 5TG1913	<b>Mounting plates for "cover plates, inclined outlet", 2 x "ST" AMP</b> For fiber-optic installation coupling	<b>5TG1913</b>																																											



Version	Order No.
 <p><b>Mounting plates for "cover plates, inclined outlet", 2 x "SC" AMP</b> For fiber-optic installation coupling</p> <p>5TG1914</p>	5TG1914
 <p><b>Mounting plates for "cover plates, inclined outlet", 2 x "SC Duplex" AMP</b> For fiber-optic installation coupling</p> <p>5TG1915</p>	5TG1915

## Selection and ordering data

Version	Order No.						
<p><b>General information</b> Size of cover plates: 68 mm x 68 mm</p> <p><b>Cover plates for TV/RF/SAT connection, 2-hole and 3-hole version</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul> <p>Inserts</p> <table border="1"> <thead> <tr> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• Aerial branch-circuit boxes</td> <td>unctions / Data and Communication Systems 13/2</td> </tr> <tr> <td>• Aerial through-way boxes/terminal boxes</td> <td>13/2</td> </tr> </tbody> </table> <p>Note</p> <p>3rd hole can be knocked out.</p> <p>5TG1338</p>	Section	Page	• Aerial branch-circuit boxes	unctions / Data and Communication Systems 13/2	• Aerial through-way boxes/terminal boxes	13/2	<p>5TG1338 5TG1338-1</p> <p>5TG2485</p> <p>5TG2484</p>
Section	Page						
• Aerial branch-circuit boxes	unctions / Data and Communication Systems 13/2						
• Aerial through-way boxes/terminal boxes	13/2						

## DELTA style

## Surface-mounting enclosures

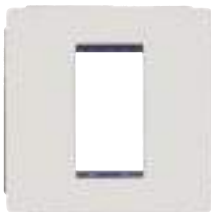

## Selection and ordering data

Version		Order No.
<b>General information</b> <ul style="list-style-type: none"> <li>For horizontal and vertical mounting</li> <li>Degree of protection: IP20</li> </ul>		
Note	Section	Page
<ul style="list-style-type: none"> <li>Degree of protection IP44 for rockers can be achieved with the 5TG4324 set of seals, see ...</li> <li>Degree of protection IP44 for SCHUKO® socket outlets with hinged lids can be achieved with the 5TG4318 set of seals, see ...</li> </ul>	Accessories and spare parts	6/28
	dto.	6/29
<b>Surface-mounting enclosures</b> Flame-resistant base plate		
Versions		
<ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)               <ul style="list-style-type: none"> <li>Single, 84 mm x 84 mm x 42.5 mm</li> <li>Double, 155 mm x 84 mm x 42.5 mm</li> <li>Triple, 226 mm x 84 mm x 42.5 mm</li> </ul> </li> <li>Platinum metallic (similar to RAL 9007)               <ul style="list-style-type: none"> <li>Single, 84 mm x 84 mm x 42.5 mm</li> <li>Double, 155 mm x 84 mm x 42.5 mm</li> <li>Triple, 226 mm x 84 mm x 42.5 mm</li> </ul> </li> </ul>		<b>5TG2901</b> <b>5TG2902</b> <b>5TG2903</b>  <b>5TG2901-1</b> <b>5TG2902-1</b> <b>5TG2903-1</b>
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
<ul style="list-style-type: none"> <li>Single</li> <li>Double</li> <li>Triple</li> </ul>	2 unit 4 unit 4 unit	1 unit 1 unit 1 unit
		1 unit 1 unit 1 unit
Accessories		Page
<ul style="list-style-type: none"> <li>Slide nipples cable entry titanium white (similar to RAL 9010) (one set contains 10 units)</li> <li>Slide nipples channel entry titanium white (similar to RAL 9010) (one set contains 10 units)</li> </ul>		Accessories and spare parts 6/30  dto. 6/30
		<b>5TG2905</b>  <b>5TG2904</b>



5TG2901






Selection and ordering data



Version			Order No.	
 <p>5TG1391</p>	<b>Module carriers, 1M</b> <ul style="list-style-type: none"> <li>• For holding one m-system module</li> <li>• For screw fixing</li> </ul>		<b>5TG1391</b> <b>5TG1391-1</b>	
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>			
	<b>Note</b>	<b>Section</b>		<b>Page</b>
	For module inserts, see ...	<i>Design / m-system / Modules for communication</i>		7/6
	<i>Design / m-system / Other modules</i>	7/7		
 <p>5TG1392</p>	<b>Module carriers, 2M</b> <ul style="list-style-type: none"> <li>• For holding two m-system modules</li> <li>• For screw fixing</li> </ul>		<b>5TG1392</b> <b>5TG1392-1</b>	
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>			
	<b>Note</b>	<b>Section</b>		<b>Page</b>
	For module inserts, see ...	<i>Design / m-system / Modules for communication</i>		7/6
	<i>Design / m-system / Other modules</i>	7/7		

## DELTA style

## Add-on devices

## Selection and ordering data

Version	Order No.						
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• Size of cover plates: 68 mm x 68 mm</li> <li>• For screw and claw fixing</li> </ul>							
 <p><b>Blanking cover plates</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<p><b>5TG1330</b> <b>5TG1330-1</b></p>						
 <p><b>Outlet plates</b> With strain relief</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<p><b>5TG1335</b> <b>5TG1335-1</b></p>						
 <p><b>Cover plates for flush-mounting control devices</b></p> <ul style="list-style-type: none"> <li>• For screw fixing</li> <li>• Including intermediate frame</li> <li>• For 22.5 mm Ø (DIN 43696)</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>EMERGENCY-STOP pushbutton, see ...</td> <td><i>Automation Technology / Industrial Controls / Commanding and Signaling Devices / Pushbuttons and Indicator Lights</i></td> <td>--</td> </tr> </tbody> </table>	Note	Section	Page	EMERGENCY-STOP pushbutton, see ...	<i>Automation Technology / Industrial Controls / Commanding and Signaling Devices / Pushbuttons and Indicator Lights</i>	--	<p><b>5TG1333</b> <b>5TG1333-1</b></p>
Note	Section	Page					
EMERGENCY-STOP pushbutton, see ...	<i>Automation Technology / Industrial Controls / Commanding and Signaling Devices / Pushbuttons and Indicator Lights</i>	--					
 <p><b>Volume controls</b> 3 W, 27 Ω, mono</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<p><b>5TG4812</b> <b>5TG4812-1</b></p>						
 <p><b>Cover plates for time switches</b></p> <ul style="list-style-type: none"> <li>• Runtime: 15 min</li> <li>• With inscription</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul> <table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td><i>Time switches</i></td> <td><i>Functions / Switching/Push-button Control/Dimming / Inserts</i></td> <td>9/15</td> </tr> </tbody> </table>	Inserts	Section	Page	<i>Time switches</i>	<i>Functions / Switching/Push-button Control/Dimming / Inserts</i>	9/15	<p><b>5TC8932</b> <b>5TC8932-1</b></p> <p><b>5TC1250</b></p>
Inserts	Section	Page					
<i>Time switches</i>	<i>Functions / Switching/Push-button Control/Dimming / Inserts</i>	9/15					





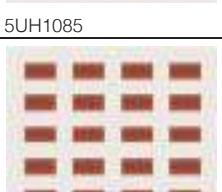
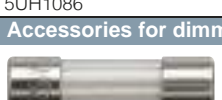
	Version	Order No.						
 <p>5TD2862</p>	<p><b>Service displays</b></p> <ul style="list-style-type: none"> <li>• Labeling in English</li> <li>• Including module carrier</li> <li>• Red/Green, illuminated</li> <li>• 90 ... 240 V AC / 50 ... 60 Hz</li> <li>• Power consumption per module approx. 1 W</li> <li>• Approx. 1 Lux at 0.5 m and 230 V</li> <li>• Screw terminals</li> </ul> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<p><b>5TD2862</b> <b>5TD2862-1</b></p>						
 <p>5TD2863</p>	<p><b>Note</b></p> <p>The service switch can also be used as a supplement to the service display.</p> <table border="1"> <thead> <tr> <th>Service switches, double</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul> </td> <td> <i>Switches and Pushbuttons</i> <i>dto.</i> </td> <td>                     6/9 6/9                 </td> </tr> </tbody> </table>	Service switches, double	Section	Page	<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<i>Switches and Pushbuttons</i> <i>dto.</i>	6/9 6/9	<p><b>5TD2863</b> <b>5TD2863-1</b></p>
Service switches, double	Section	Page						
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>	<i>Switches and Pushbuttons</i> <i>dto.</i>	6/9 6/9						

## DELTA style

## Accessories and spare parts





## Selection and ordering data

Version	Order No.																							
<b>Accessories for rockers</b>																								
 <p><b>Sheets of pictographs</b> With labels for rockers with labeling field(s)</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• For single rockers</li> <li>• For double rockers</li> </ul>	<p><b>5TG1305</b> <b>5TG1306</b></p>																							
 <p><b>Labeling field inserts "Heating Switch"</b> For rockers with labeling field</p>	<p><b>5TG1316</b></p>																							
 <p><b>IP44 sets of seals for rockers</b></p> <ul style="list-style-type: none"> <li>• For single or double rockers</li> <li>• 1 set contains 4 individual seals</li> </ul>	<p><b>5TG4324</b></p>																							
 <p><b>LED light inserts, for switch and pushbutton inserts</b> For all rockers with windows</p> <table border="1"> <thead> <tr> <th>Fluorescent color</th> <th>Rated voltage</th> <th>Power consumption in mA</th> </tr> </thead> <tbody> <tr> <td rowspan="4">• Red</td> <td>8 V AC</td> <td>2</td> </tr> <tr> <td>12 V AC</td> <td>2</td> </tr> <tr> <td>24 V AC</td> <td>2</td> </tr> <tr> <td>230 V AC</td> <td>1</td> </tr> <tr> <td rowspan="2">• Orange - normal - Strong</td> <td>230 V AC</td> <td>0.9</td> </tr> <tr> <td>230 V AC</td> <td>1.0</td> </tr> <tr> <td>• White</td> <td>230 V AC</td> <td>1.1</td> </tr> <tr> <td>• Blue</td> <td>230 V AC</td> <td>1.1</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> <li>• The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already.</li> <li>• If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.</li> </ul>	Fluorescent color	Rated voltage	Power consumption in mA	• Red	8 V AC	2	12 V AC	2	24 V AC	2	230 V AC	1	• Orange - normal - Strong	230 V AC	0.9	230 V AC	1.0	• White	230 V AC	1.1	• Blue	230 V AC	1.1	<p><b>5TG7315</b> <b>5TG7316</b> <b>5TG7317</b> <b>5TG7353</b></p> <p><b>5TG7333</b> <b>5TG7343</b> <b>5TG7354</b> <b>5TG7355</b></p>
Fluorescent color	Rated voltage	Power consumption in mA																						
• Red	8 V AC	2																						
	12 V AC	2																						
	24 V AC	2																						
	230 V AC	1																						
• Orange - normal - Strong	230 V AC	0.9																						
	230 V AC	1.0																						
• White	230 V AC	1.1																						
• Blue	230 V AC	1.1																						

	Version	Order No.
 <p>5TG7321</p>	<p><b>Glow lamps for switch and pushbutton inserts</b></p> <ul style="list-style-type: none"> <li>• Protected against contact</li> <li>• 230 V AC</li> <li>• Reduced luminosity</li> <li>• Power consumption 0.18 mA</li> <li>• Base color: white</li> </ul>	5TG7321
<b>Accessories for socket outlets</b>		
 <p>5TG4318</p>	<p><b>IP44 seals, for socket outlets</b></p> <ul style="list-style-type: none"> <li>• For SCHUKO® socket outlets with hinged lid</li> <li>• 1 set contains a single individual seal</li> </ul>	5TG4318
 <p>5UH1084</p>	<p><b>Label sheets "SV"</b></p> <ul style="list-style-type: none"> <li>• For marking the inserts</li> <li>• 1 sheet contains 20 self-adhesive labels</li> </ul>	5UH1084
 <p>5UH1085</p>	<p><b>Label sheets "ZSV"</b></p> <ul style="list-style-type: none"> <li>• For marking the inserts</li> <li>• 1 sheet contains 20 self-adhesive labels</li> </ul>	5UH1085
 <p>5UH1086</p>	<p><b>Label sheets "WSV"</b></p> <ul style="list-style-type: none"> <li>• For marking the inserts</li> <li>• 1 sheet contains 20 self-adhesive labels</li> </ul>	5UH1086
<b>Accessories for dimmers</b>		
 <p>5TG8302</p>	<p><b>Spare fuses</b> 250 V</p> <p>Versions</p> <ul style="list-style-type: none"> <li>• T 1.6 H 250 V <ul style="list-style-type: none"> <li>- For incandescent lamp dimmers, 50 ... 400 W (5TC8256)</li> <li>- For sensor dimmers, with/without memory function, 20 ... 400 W (5TC8240 / 5TC8232)</li> </ul> </li> <li>• T 2.5 H 250 V <ul style="list-style-type: none"> <li>- For incandescent lamp dimmers, 50 ... 600 W (5TC8257)</li> </ul> </li> <li>• T 4 H 250 V <ul style="list-style-type: none"> <li>- For low-voltage dimmers for magnetic transformers (5TC8283)</li> <li>- For electronic potentiometers (5TC8424 and 5TC8420)</li> </ul> </li> </ul>	<p>5TG8302</p> <p>5TG8305</p> <p>5TG8330</p>

## DELTA style

## Accessories and spare parts

Version	Order No.						
<b>Accessories for surface-mounting enclosures</b>							
 <p><b>Slide nipples cable entry</b></p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• One set contains 10 units</li> </ul> <p>5TG2905</p>	5TG2905						
 <p><b>Slide nipples channel entry</b></p> <ul style="list-style-type: none"> <li>• For 15 mm x 15 mm to 19 mm x 19 mm</li> <li>• Titanium white (similar to RAL 9010)</li> <li>• One set contains 10 units</li> </ul> <p>5TG2904</p>	5TG2904						
<b>Spare parts</b>							
 <p><b>Spare glow lamps for SCHUKO® socket outlets with status display</b></p> <p>1.5 mA, 230 V AC/50 Hz</p> <p>5TG7304</p>	5TG7304						
 <p><b>Spare overvoltage protection modules</b></p> <p>For SCHUKO® socket outlets with overvoltage protection</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection</i></td> <td>16/12</td> </tr> </tbody> </table> <p>5UH1300</p>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection</i>	16/12	5UH1300
Note	Section	Page					
For Technical specifications, see ...	<i>Technical Information / Socket Outlets / SCHUKO® socket outlets, with overvoltage protection</i>	16/12					





7/2	<b>Introduction</b>
7/4	<b>Module carriers for DELTA line and DELTA miro</b>
7/5	<b>Module carriers for DELTA profil</b>
7/5	<b>Module carriers for DELTA style</b>
7/6	<b>Modules for communication</b>
7/7	<b>Other modules</b>

# m-system

## Introduction

### Overview

#### Colors and designs of the m-system

DELTA line



Titanium white



Aluminum metallic



Carbon metallic

DELTA miro



Titanium white



Aluminum metallic



Carbon metallic

DELTA profil



Titanium white



Silver

DELTA style

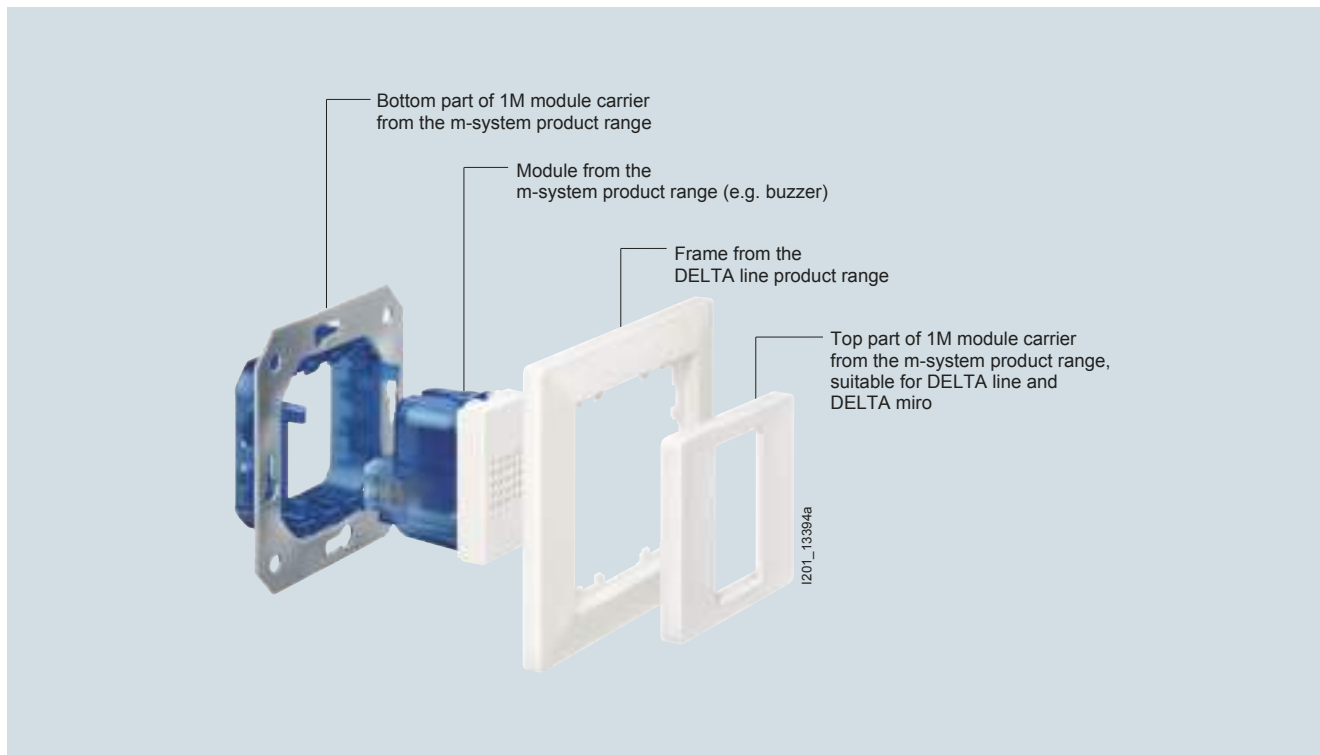


Titanium white

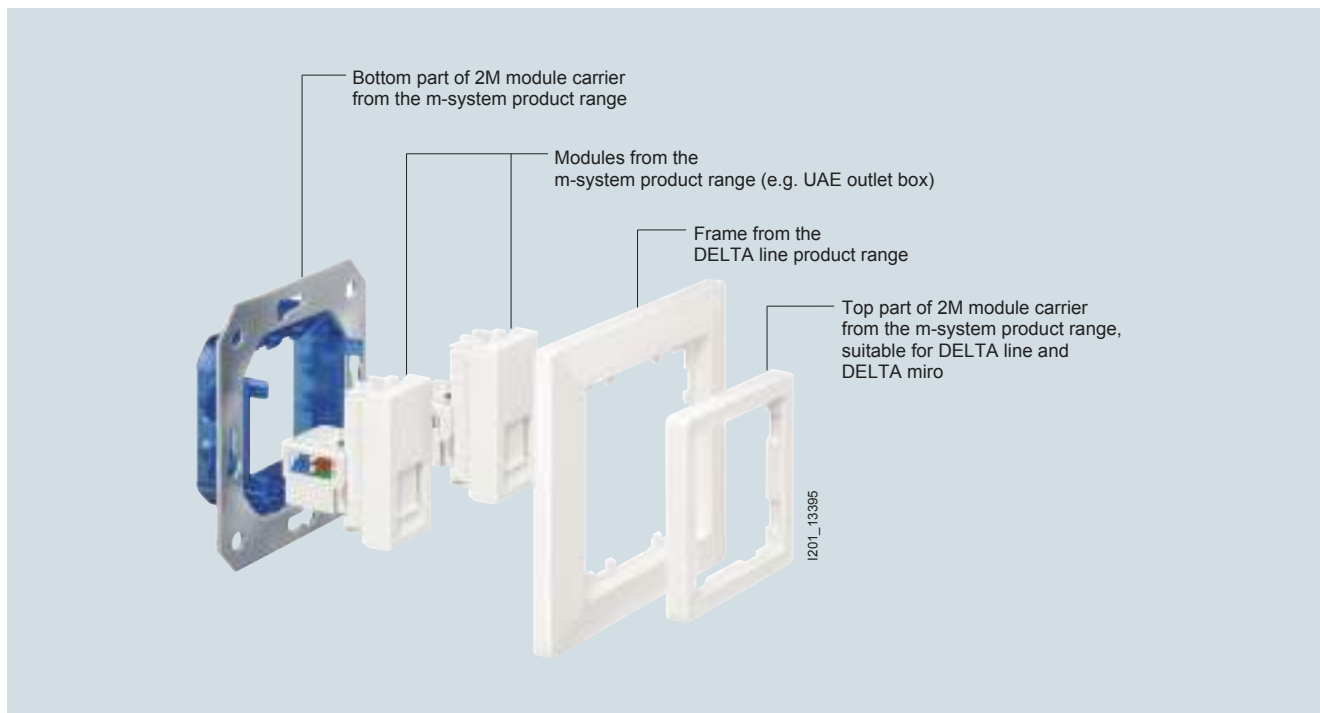


Platinum metallic

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



## m-system

## Module carriers for DELTA line and DELTA miro

## Selection and ordering data

Version		Order No.						
 5TG2008	<b>Module carriers, 1M</b> <ul style="list-style-type: none"> <li>• For holding one m-system module</li> <li>• For screw fixing</li> </ul>	<b>5TG2008</b> <b>5TG2094</b> <b>5TG2096</b>						
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>							
	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td rowspan="2">For module inserts, see ...</td> <td>Design / m-system / Modules for communication</td> <td>7/6</td> </tr> <tr> <td>Design / m-system / Other modules</td> <td>7/7</td> </tr> </tbody> </table>		Note	Section	Page (ff.)	For module inserts, see ...	Design / m-system / Modules for communication	7/6
Note	Section	Page (ff.)						
For module inserts, see ...	Design / m-system / Modules for communication	7/6						
	Design / m-system / Other modules	7/7						
 5TG2010	<b>Module carriers, 2M</b> <ul style="list-style-type: none"> <li>• For holding two m-system modules</li> <li>• For screw fixing</li> </ul>	<b>5TG2010</b> <b>5TG2095</b> <b>5TG2097</b>						
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>							
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For module inserts, see ...	Design / m-system / Modules for communication	7/6						
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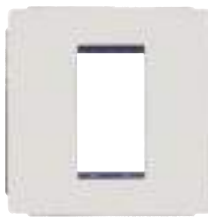

## Selection and ordering data

Version		Order No.						
	<b>Module carriers, 1M</b>	5TG1911 5TG1890						
	<ul style="list-style-type: none"> <li>For holding one m-system module</li> <li>For screw fixing</li> </ul>							
	<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Silver (similar to RAL 9006)</li> </ul>							
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Note	Section	Page (ff.)						
For module inserts, see ...	Design / m-system / Modules for communication	7/6						
	Design / m-system / Other modules	7/7						
	<b>Module carriers, 2M</b>	5TG1912 5TG1891						
	<ul style="list-style-type: none"> <li>For holding two m-system modules</li> <li>For screw fixing</li> </ul>							
	<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Silver (similar to RAL 9006)</li> </ul>							
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Note	Section	Page (ff.)						
For module inserts, see ...	Design / m-system / Modules for communication	7/6						
	Design / m-system / Other modules	7/7						

5TG1911

5TG1912

## Selection and ordering data

Version		Order No.						
	<b>Module carriers, 1M</b>	5TG1391 5TG1391-1						
	<ul style="list-style-type: none"> <li>For holding one m-system module</li> <li>For screw fixing</li> <li>Including intermediate frame</li> </ul>							
	<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Platinum metallic (similar to RAL 9007)</li> </ul>							
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Note	Section	Page						
For module inserts, see ...	Design / m-system / Modules for communication	7/6						
	Design / m-system / Other modules	7/7						
	<b>Module carriers, 2M</b>	5TG1392 5TG1392-1						
	<ul style="list-style-type: none"> <li>For holding two m-system modules</li> <li>For screw fixing</li> <li>Including intermediate frame</li> </ul>							
	<b>Versions</b> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Platinum metallic (similar to RAL 9007)</li> </ul>							
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Note	Section	Page						
For module inserts, see ...	Design / m-system / Modules for communication	7/6						
	Design / m-system / Other modules	7/7						



5TG1391

5TG1392



## m-system

## Modules for communication

## Selection and ordering data

Version	Order No.												
<b>General information</b>													
<b>Note</b> All the modules shown here can be combined with the module carriers of the DELTA line, DELTA miro, DELTA profil product ranges.													
 5TG9874-1TW	<b>UAE outlet boxes, Cat.3</b> <ul style="list-style-type: none"> <li>• Telephone socket outlet for modular system</li> <li>• Cat.3 RJ11/12 with shutter</li> <li>• LSA connection method</li> <li>• Can only be used with module carrier, 1M or 2M</li> </ul>												
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Aluminum metallic/silver (similar to RAL 9006)</li> <li>• Carbon metallic/anthracite (similar to RAL 7016)</li> </ul>												
	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• For module carriers for DELTA line and DELTA miro, see ...</td> <td><i>Design / m-system / Module carriers for DELTA line and DELTA miro</i></td> <td>7/4</td> </tr> <tr> <td>• Module carriers for DELTA profil, see ...</td> <td><i>Design / m-system / Module carriers for DELTA profil</i></td> <td>7/5</td> </tr> <tr> <td>• For module carriers for DELTA style, see ...</td> <td><i>Design / m-system / Module carriers for DELTA style</i></td> <td>7/5</td> </tr> </tbody> </table>	Note	Section	Page	• For module carriers for DELTA line and DELTA miro, see ...	<i>Design / m-system / Module carriers for DELTA line and DELTA miro</i>	7/4	• Module carriers for DELTA profil, see ...	<i>Design / m-system / Module carriers for DELTA profil</i>	7/5	• For module carriers for DELTA style, see ...	<i>Design / m-system / Module carriers for DELTA style</i>	7/5
	Note	Section	Page										
• For module carriers for DELTA line and DELTA miro, see ...	<i>Design / m-system / Module carriers for DELTA line and DELTA miro</i>	7/4											
• Module carriers for DELTA profil, see ...	<i>Design / m-system / Module carriers for DELTA profil</i>	7/5											
• For module carriers for DELTA style, see ...	<i>Design / m-system / Module carriers for DELTA style</i>	7/5											
<b>5TG9874-1TW</b> <b>5TG9874-1AM</b> <b>5TG9874-1CM</b>													
 5TG9874-2TW	<b>UAE outlet boxes, Cat.5</b> <ul style="list-style-type: none"> <li>• PC socket outlet for modular system</li> <li>• Cat.5 RJ45 with shutter</li> <li>• LSA connection method</li> <li>• Can only be used with module carrier, 1M or 2M</li> </ul>												
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Aluminum metallic/silver (similar to RAL 9006)</li> <li>• Carbon metallic/anthracite (similar to RAL 7016)</li> </ul>												
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• Module carriers for DELTA profil, see ...	<i>Design / m-system / Module carriers for DELTA profil</i>	7/5											
• For module carriers for DELTA style, see ...	<i>Design / m-system / Module carriers for DELTA style</i>	7/5											
<b>5TG9874-2TW</b> <b>5TG9874-2AM</b> <b>5TG9874-2CM</b>													

## Selection and ordering data

Version	Order No.															
<b>General information</b>																
<b>Note</b> All the modules shown here can be combined with the module carriers of the DELTA line, DELTA miro, DELTA profil product ranges.																
 5TG9875-8TW	<b>Buzzers</b> <ul style="list-style-type: none"> <li>• 230 V, 50/60 Hz, 80 dB(A)</li> <li>• Adjustable volume</li> <li>• 100 % duty ratio</li> <li>• screw terminals</li> <li>• Can only be used with module carrier, 1M or 2M</li> </ul>															
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Aluminum metallic/silver (similar to RAL 9006)</li> <li>• Carbon metallic/anthracite (similar to RAL 7016)</li> <li>• Platinum metallic (similar to RAL 9007)</li> </ul>															
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<b>5TG9875-8TW</b> <b>5TG9875-8AM</b> <b>5TG9875-8CM</b> <b>5TG9875-8PM</b>																
 5TG9880-3	<b>LED light signals</b> <ul style="list-style-type: none"> <li>• Supply voltage 90 ... 240 V AC, 50/60 Hz</li> <li>• Power consumption: 1 W</li> <li>• Can be fitted horizontally or vertically</li> <li>• Opaque-white</li> </ul>															
	<b>Versions</b> <ul style="list-style-type: none"> <li>• White, illuminated</li> <li>• Blue, illuminated</li> <li>• Red, illuminated</li> <li>• Green, illuminated</li> </ul>															
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<b>5TG9880-3</b> <b>5TG9880-4</b> <b>5TG9880-5</b> <b>5TG9880-6</b>																





## Surface-Mounting Product Ranges



8/2	<b>Introduction</b>
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8/17	Plug-and-socket devices

## Surface-Mounting Product Ranges

### Introduction

### Overview

#### Colors and designs of the surface-mounting product ranges

#### DELTA fläche IP44



Two-circuit switches



Switches with pilot lamp and window



SCHUKO® socket outlets

#### DELTA fläche IP68



SCHUKO® socket outlets with lid

**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.

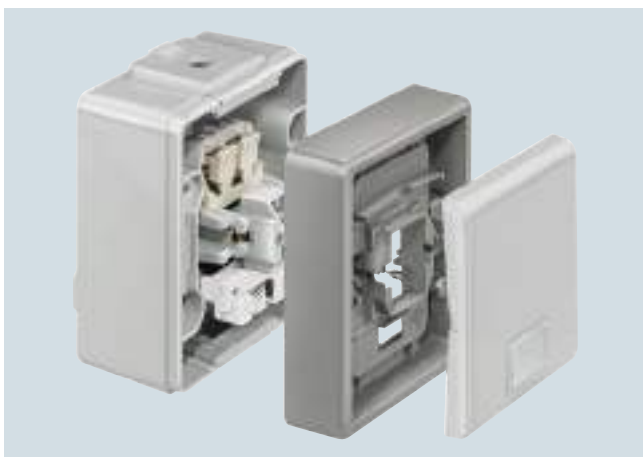
- Durable, high-impact thermoplastic enclosure.
- Screwless terminals for switch and socket outlet inserts.
- Insulated reset levers ensure touch protection.
- Easy conductor releases at a press of a button, no tools required.

All terminals are double terminals.

## Surface-Mounting Product Ranges

### DELTA fläche IP44

#### Introduction



8

#### **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.

### Selection and ordering data







Version	Order No.
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• IP44 splash-proof</li> <li>• 10 A, 250 V AC according to DIN 49200</li> <li>• Enclosures made of high-impact molded plastic</li> <li>• Contact material: cadmium and nickel-free</li> <li>• Size of cover: 75 mm x 66 mm x 54 mm</li> <li>• Mounting holes: 4,5 mm Ø</li> <li>• Cable entry: slide nipples for cables with 8 ... 13.5 mm Ø</li> <li>• Special versions on request</li> <li>• Colors: <ul style="list-style-type: none"> <li>- Similar to RAL 7035 (enclosure base parts and rockers)</li> <li>- Similar to RAL 7042 (between enclosure base parts and rockers)</li> </ul> </li> </ul>	
 <p><b>Universal switches</b> For ON/OFF and two-way switching</p> <p>5TA4706</p>	5TA4706
 <p><b>Intermediate switches</b></p> <p>5TA4707</p>	5TA4707
 <p><b>ON/OFF switches, 1-pole</b></p> <p>5TA4701</p>	5TA4701
 <p><b>Switches with pilot lamp for ON/OFF switching, with window</b> with LED insert 5TG7333</p> <p>5TA4700</p>	5TA4700
 <p><b>Switches with pilot lamp for two-way switching, with window</b> with LED insert 5TG7333</p> <p>5TA4710</p>	5TA4710

## Surface-Mounting Product Ranges

DELTA fläche IP44

### Switches and pushbuttons





	Version	Order No.
 <p>5TA4741</p>	<p><b>Heating switches with window, 1-pole</b></p> <ul style="list-style-type: none"> <li>• With LED insert 5TG7333</li> <li>• Two cables for wet/damp areas can be fed into the enclosure from underneath</li> </ul>	5TA4741
 <p>5TA4742</p>	<p><b>Heating switches with window, 2-pole</b></p> <ul style="list-style-type: none"> <li>• With LED insert 5TG7333</li> <li>• Two cables for wet/damp areas can be fed into the enclosure from underneath</li> </ul>	5TA4742
 <p>5TA4726</p>	<p><b>Two-way switches, with window and labeling field</b> with LED insert 5TG7333</p>	5TA4726
 <p>5TA4702</p>	<p><b>ON/OFF switches, with I/O symbols, 2-pole</b></p> <ul style="list-style-type: none"> <li>• 10 A, 250 V AC</li> <li>• Two cables for wet/damp areas can be fed into the enclosure from underneath</li> </ul>	5TA4702
 <p>5TA4753</p>	<p><b>ON/OFF switches, with I/O symbols, 3-pole</b> 16 A, 400 V AC</p>	5TA4753
 <p>5TA4705</p>	<p><b>Two-circuit switches</b></p>	5TA4705

	Version	Order No.
	<b>Double two-way switches, double</b>	<b>5TA4708</b>
	<b>Pushbuttons, 1 CO contact</b> Can also be used as NC contact	<b>5TD4707</b>
	<b>Pushbuttons, 1 NO contact, with window</b> <ul style="list-style-type: none"> <li>• With window set (comprising one window each with 1 "Light" symbol, 1 "Bell" symbol and 1 "Door Opener" symbol respectively, plus 1 neutral window)</li> <li>• Without glow lamp</li> </ul>	<b>5TD4701</b>
	<b>Pushbuttons with separate check-back indication, with window</b> with LED insert 5TG7333	<b>5TD4706</b>
	<b>Light signals</b> <ul style="list-style-type: none"> <li>• With glow lamp 250 V AC</li> <li>• 75 mm x 66 mm x 54 mm</li> </ul>	<b>5TD4780</b>
	<b>ON/OFF switches, comply with workplace regulations</b> <ul style="list-style-type: none"> <li>• Supplied with clear windows</li> <li>• Neutral and with "Light" symbol</li> <li>• With LED insert 5TG7333</li> </ul>	<b>5TA4711</b>

## Surface-Mounting Product Ranges





DELTA fläche IP44

### Switches and pushbuttons

Version	Order No.															
 <p><b>Two-way switches, comply with workplace regulations</b></p> <ul style="list-style-type: none"> <li>• Supplied with clear windows</li> <li>• Neutral and with "Light" symbol</li> <li>• With LED insert 5TG7333</li> </ul> <p>5TA4716</p>	5TA4716															
 <p><b>Pushbuttons, comply with workplace regulations</b></p> <ul style="list-style-type: none"> <li>• Supplied with clear windows</li> <li>• Neutral and with "Light" symbol</li> <li>• With LED insert 5TG7333</li> <li>• 1-pole (NO contact)</li> </ul> <p>5TD4705</p>	5TD4705															
 <p><b>Shutter/blind key-operated switches with "Key" symbol</b></p> <ul style="list-style-type: none"> <li>• With hinged lid</li> <li>• With Up/Down symbols under the hinged lid</li> <li>• 1-pole</li> <li>• With two keys</li> <li>• Identical key type (different locking systems on request)</li> <li>• With screw terminals</li> </ul> <p>5TA7650</p>	5TA7650 5TA7651															
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 <p><b>Shutter/blind pushbuttons, with electrical interlock, with Up/Down symbols</b></p> <ul style="list-style-type: none"> <li>• Screwless terminals</li> <li>• Terminal assignment same as for 5TA2114 flush-mounting insert</li> </ul> <p>5TD4708</p>	5TD4708															
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## Selection and ordering data



Version	Order No.
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• IP44 splash-proof</li> <li>• 16 A, 250 V AC; 10 A, 250 V DC</li> <li>• Complies with DIN 49440</li> <li>• The terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm<sup>2</sup></li> <li>• Enclosures made of high-impact molded plastic</li> <li>• Mounting holes: 4,5 mm Ø</li> <li>• Cable entry: slide nipples for cables with 8 ... 13.5 mm Ø</li> <li>• With hinged lid</li> <li>• With screwless terminals</li> <li>• Special versions on request</li> <li>• Colors: <ul style="list-style-type: none"> <li>- Similar to RAL 7035 (enclosure base parts and hinged lid)</li> <li>- Similar to RAL 7042 (between enclosure base parts and hinged lid)</li> </ul> </li> </ul>	
 <p><b>SCHUKO® socket outlets, single</b> Size of cover: 75 mm x 66 mm x 54 mm</p> <p>5UB4711</p>	5UB4711
 <p><b>SCHUKO® socket outlets, single, with increased touch protection</b> Size of cover: 75 mm x 66 mm x 54 mm</p> <p>5UB4717</p>	5UB4717
 <p><b>SCHUKO® socket outlets, single, with labeling field</b> Size of cover: 75 mm x 66 mm x 54 mm</p> <p>5UB4713</p>	5UB4713
 <p><b>SCHUKO® socket outlets, single, with labeling field and with increased touch protection</b> Size of cover: 75 mm x 66 mm x 54 mm</p> <p>5UB4718</p>	5UB4718

## Surface-Mounting Product Ranges

DELTA fläche IP44

### Socket outlets

	Version	Order No.
	<p><b>SCHUKO® socket outlets, double, for vertical installation</b></p> <ul style="list-style-type: none"> <li>• Size of cover: 151 mm x 66 mm x 54 mm</li> <li>• SCHUKO® socket outlet with labeling field on request</li> <li>• Pre-wired</li> </ul>	5UB4723
	<p><b>SCHUKO® socket outlets, double, for vertical installation, with increased touch protection</b></p> <ul style="list-style-type: none"> <li>• Size of cover: 151 mm x 66 mm x 54 mm</li> <li>• SCHUKO® socket outlet with labeling field on request</li> <li>• Pre-wired</li> </ul>	5UB4724
	<p><b>SCHUKO® socket outlets, double, for horizontal installation</b></p> <ul style="list-style-type: none"> <li>• Size of cover: 75 mm x 134 mm x 54 mm</li> <li>• SCHUKO® socket outlet with labeling field on request</li> <li>• Pre-wired</li> </ul>	5UB4722
	<p><b>SCHUKO® socket outlets, double, for horizontal installation, with increased touch protection</b></p> <ul style="list-style-type: none"> <li>• Size of cover: 75 mm x 134 mm x 54 mm</li> <li>• SCHUKO® socket outlet with labeling field on request</li> <li>• Pre-wired</li> </ul>	5UB4725
	<p><b>SCHUKO® socket outlets, triple, for horizontal installation</b></p> <ul style="list-style-type: none"> <li>• Size of cover: 75 mm x 201 mm x 54 mm</li> <li>• SCHUKO® socket outlet with labeling field on request</li> <li>• Pre-wired</li> </ul>	5UB4731
	<p><b>SCHUKO® socket outlets, triple, for horizontal installation, with increased touch protection</b></p> <ul style="list-style-type: none"> <li>• Size of cover: 75 mm x 201 mm x 54 mm</li> <li>• SCHUKO® socket outlet with labeling field on request</li> <li>• Pre-wired</li> </ul>	5UB4732
	<p><b>SCHUKO® socket outlets, lockable</b></p> <ul style="list-style-type: none"> <li>• Size of cover: 75 mm x 66 mm x 66 mm</li> <li>• With two keys</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Identical key type (sorted)</li> <li>• Close differently with a max. of 180 different locks</li> </ul>	5UB4714 5UB4715
	<p><b>SCHUKO® socket outlets, lockable, with increased touch protection</b></p> <ul style="list-style-type: none"> <li>• Size of cover: 75 mm x 66 mm x 66 mm</li> <li>• With two keys</li> <li>• Identical key type (sorted)</li> </ul>	5UB4705






Version	Order No.
 <p><b>SCHUKO® socket outlets, lockable, double pack</b></p> <ul style="list-style-type: none"> <li>• Two lockable SCHUKO® socket outlets</li> <li>• With two identical safety locks</li> <li>• With two keys each</li> <li>• In pairs, up to 180 different locking options (not sorted)</li> <li>• For use with washing machines and spin driers</li> <li>• Size of cover: 75 mm x 66 mm x 66 mm</li> </ul> <p>5UB4716</p>	5UB4716
 <p><b>Socket outlets with grounding pin</b></p> <ul style="list-style-type: none"> <li>• Size of cover: 75 mm x 66 mm x 54 mm</li> <li>• 2-pole according to CEE7</li> <li>• Screw terminals</li> </ul> <p>5UB4741</p>	5UB4741

## Surface-Mounting Product Ranges



DELTA fläche IP44

### Combinations of switch/pushbutton and socket outlet

#### Selection and ordering data

Version	Order No.
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• IP44 splash-proof</li> <li>• Socket outlets: 16 A, 250 V AC; 10 A, 250 V DC</li> <li>• Complies with DIN 49440</li> <li>• Switches: 10 A, 250 V AC</li> <li>• The terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm<sup>2</sup></li> <li>• Enclosures made of high-impact molded plastic</li> <li>• Mounting holes: 4,5 mm Ø</li> <li>• Cable entry: slide nipples for cables with 8 ... 13.5 mm Ø</li> <li>• With screwless terminals</li> <li>• SCHUKO® socket outlets with hinged lid</li> <li>• For vertical mounting</li> <li>• 151 mm x 66 mm x 54 mm</li> <li>• Colors:               <ul style="list-style-type: none"> <li>- Similar to RAL 7035 (enclosure base parts and rockers/hinged lid)</li> <li>- Similar to RAL 7042 (between enclosure base parts and rockers/hinged lid)</li> </ul> </li> </ul>	
 <p><b>Combination of two-way switch and SCHUKO® socket outlet</b></p> <p>5TA4816</p>	5TA4816
 <p><b>Combination of two-way switch and SCHUKO® socket outlet, with increased touch protection</b></p> <p>5TA4826</p>	5TA4826
 <p><b>Combination of two-circuit switch and SCHUKO® socket outlet</b></p> <p>5TA4815</p>	5TA4815
 <p><b>Combination of two-circuit switch and SCHUKO® socket outlet, with increased touch protection</b></p> <p>5TA4825</p>	5TA4825
 <p><b>Combination of pushbutton and SCHUKO® socket outlet</b></p> <p>5TD4811</p>	5TD4811

### Combinations of switch/pushbutton and socket outlet



	Version	Order No.
 <p>5TD4821</p>	<p><b>Combination of pushbutton and SCHUKO® socket outlet, with increased touch protection</b></p>	<p><b>5TD4821</b></p>
	Version	Order No.
	<p><b>Action package DELTA Surface IP44 - surface-mounted damp room <span style="color: orange;">NEW</span></b></p> <p>The action package contains the following individual components:</p> <p>Universal switch</p> <ul style="list-style-type: none"> <li>• Article No. 5TA5706</li> <li>• for switch-off and changeover</li> <li>• 5 pieces</li> </ul> <p>SCHUKO® socket outlet, 1gang</p> <ul style="list-style-type: none"> <li>• Article No. 5UB4711</li> <li>• cap size: 75 mm x 66 mm x 54 mm</li> <li>• 10 pieces</li> </ul> <p>SCHUKO® socket outlet, 2-way for horizontal mounting</p> <ul style="list-style-type: none"> <li>• Article No. 5UB4722</li> <li>• cap size: 75 mm x 134 mm x 54 mm</li> <li>• SCHUKO® socket outlet with labelling field on request</li> <li>• pre-wired</li> <li>• 2 pieces</li> </ul> <p>Combination changeover switch and SCHUKO® socket outlet for vertical mounting</p> <ul style="list-style-type: none"> <li>• Article No. 5TA4816</li> <li>• 2 pieces</li> </ul> <p>SCHUKO® socket outlet, 2-way, for vertical mounting</p> <ul style="list-style-type: none"> <li>• Article No. 5UB4723</li> <li>• cap size: 151 mm x 66 mm x 54 mm</li> <li>• SCHUKO® socket outlet with labelling field pre-wired on request</li> <li>• 2 pieces</li> </ul>	<p><b>5UB1998-0KA</b></p>

## Surface-Mounting Product Ranges






DELTA fläche IP44

### Shutter/blind controls

#### Selection and ordering data

Version	Order No.						
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• IP44 splash-proof</li> <li>• 10 A, 250 V AC according to DIN 49200</li> <li>• Enclosures made of high-impact molded plastic</li> <li>• Size of cover: 75 mm x 66 mm x 54 mm</li> <li>• Mounting holes: 4,5 mm Ø</li> <li>• Cable entry: Slide nipples for cables from 8 ... 13.5 mm Ø</li> <li>• Colors: <ul style="list-style-type: none"> <li>- Similar to RAL 7035 (enclosure base parts and rockers/hinged lid)</li> <li>- Similar to RAL 7042 (between enclosure base parts and rockers/hinged lid)</li> </ul> </li> </ul>							
 <p><b>Shutter/blind key-operated switches with "Key" symbol</b></p> <ul style="list-style-type: none"> <li>• With hinged lid</li> <li>• With Up/Down symbols under the hinged lid</li> <li>• 1-pole</li> <li>• With two keys</li> <li>• Identical key type (different locking systems on request)</li> <li>• With screw terminals</li> </ul> <p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• Momentary-contact and maintained-contact position to left and right</li> <li>• Momentary-contact position to left and right</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical Specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches</i></td> <td>16/32</td> </tr> </tbody> </table>	Note	Section	Page	For Technical Specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches</i>	16/32	<p><b>5TA7650</b></p> <p><b>5TA7651</b></p>
Note	Section	Page					
For Technical Specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches</i>	16/32					
 <p><b>Shutter/blind pushbuttons, with electrical interlock, with Up/Down symbols</b></p> <ul style="list-style-type: none"> <li>• Screwless terminals</li> <li>• Terminal assignment same as for 5TA2114 flush-mounting insert</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock</i></td> <td>16/31</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock</i>	16/31	<p><b>5TD4708</b></p>
Note	Section	Page					
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock</i>	16/31					







**Selection and ordering data**

Version	Order No.																							
<b>Accessories</b>																								
 <p><b>Connecting elements</b> For coupling of stand-alone devices</p> <p>5TG4205</p>	5TG4205																							
 <p><b>Slide nipples, without hole</b></p> <p>5TG4204</p>	5TG4204																							
 <p><b>Channel entry glands</b> For channels 15 mm x 15 mm and 17 mm x 17 mm</p> <p>5TG4212</p>	5TG4212																							
 <p><b>LED light inserts, for switch and pushbutton inserts</b> For all rockers with windows</p> <table border="1"> <thead> <tr> <th>Fluorescent color</th> <th>Rated voltage</th> <th>Power consumption in mA</th> </tr> </thead> <tbody> <tr> <td rowspan="4">• Red</td> <td>8 V AC</td> <td>2</td> </tr> <tr> <td>12 V AC</td> <td>2</td> </tr> <tr> <td>24 V AC</td> <td>2</td> </tr> <tr> <td>230 V AC</td> <td>1</td> </tr> <tr> <td rowspan="2">• Orange</td> <td>- Normal</td> <td>0.9</td> </tr> <tr> <td>- Strong</td> <td>1.0</td> </tr> <tr> <td>• White</td> <td>230 V AC</td> <td>1.1</td> </tr> <tr> <td>• Blue</td> <td>230 V AC</td> <td>1.1</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> <li>The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already.</li> <li>If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.</li> </ul> <p>5TG7315</p>	Fluorescent color	Rated voltage	Power consumption in mA	• Red	8 V AC	2	12 V AC	2	24 V AC	2	230 V AC	1	• Orange	- Normal	0.9	- Strong	1.0	• White	230 V AC	1.1	• Blue	230 V AC	1.1	5TG7315 5TG7316 5TG7317 5TG7353  5TG7333 5TG7343  5TG7354 5TG7355
Fluorescent color	Rated voltage	Power consumption in mA																						
• Red	8 V AC	2																						
	12 V AC	2																						
	24 V AC	2																						
	230 V AC	1																						
• Orange	- Normal	0.9																						
	- Strong	1.0																						
• White	230 V AC	1.1																						
• Blue	230 V AC	1.1																						
 <p><b>Glow lamps for switch and pushbutton inserts</b></p> <ul style="list-style-type: none"> <li>Protected against contact</li> <li>230 V AC</li> <li>Reduced luminosity</li> <li>Power consumption 0.18 mA</li> <li>Base color: white</li> </ul> <p>5TG7321</p>	5TG7321																							

## Surface-Mounting Product Ranges



DELTA fläche IP44

### Accessories and spare parts

	Version	Order No.
<b>Spare parts</b>		
<b>Spare windows for light signals</b>		
Versions		
 5TG4206	<ul style="list-style-type: none"> <li>• Red</li> </ul>	5TG4206
 5TG4208	<ul style="list-style-type: none"> <li>• Green</li> </ul>	5TG4208
 5TG4207	<ul style="list-style-type: none"> <li>• White</li> </ul>	5TG4207
 5TG4210	<ul style="list-style-type: none"> <li>• Yellow</li> </ul>	5TG4210
 5TG7301	<b>Spare glow lamps for light signals</b> 250 V AC	5TG7301
 5TG4200	<b>Spare window sets for light signals and for switch and pushbutton inserts</b> One set contains 2 x red, 2 x clear and 2 x white	5TG4200



**Selection and ordering data**

Version	Order No.
<b>General information</b> <ul style="list-style-type: none"> <li>• Degree of protection: IP68 (pressure-water-tight)</li> <li>• 16 A, 250 V AC, 10 A, 250 V DC</li> <li>• The terminals are connecting terminals for conductors up to 2.5 mm<sup>2</sup></li> <li>• Enclosures made of PBT, high-impact</li> <li>• Screw terminals</li> <li>• Lid and cover with screw plug</li> </ul>	
 <p><b>SCHUKO® wall socket outlets with lid</b></p> <ul style="list-style-type: none"> <li>• Enclosure size: 105 mm x 87 mm x 68 mm</li> <li>• Mounting holes: 5.5 mm Ø</li> <li>• Pg 22 cable entry on both sides for cables from 8 to 13.5 mm</li> </ul>	5UB4686
 <p><b>SCHUKO® plugs with cover</b></p>	5UH1150

5UB4686

5UH1150

## Surface-Mounting Product Ranges

### Notes

## Switching/Pushbutton Control/Dimming



9/2	Introduction
9/3	Inserts
9/14	Accessories and spare parts

# Switching/Pushbutton Control/Dimming

## Introduction

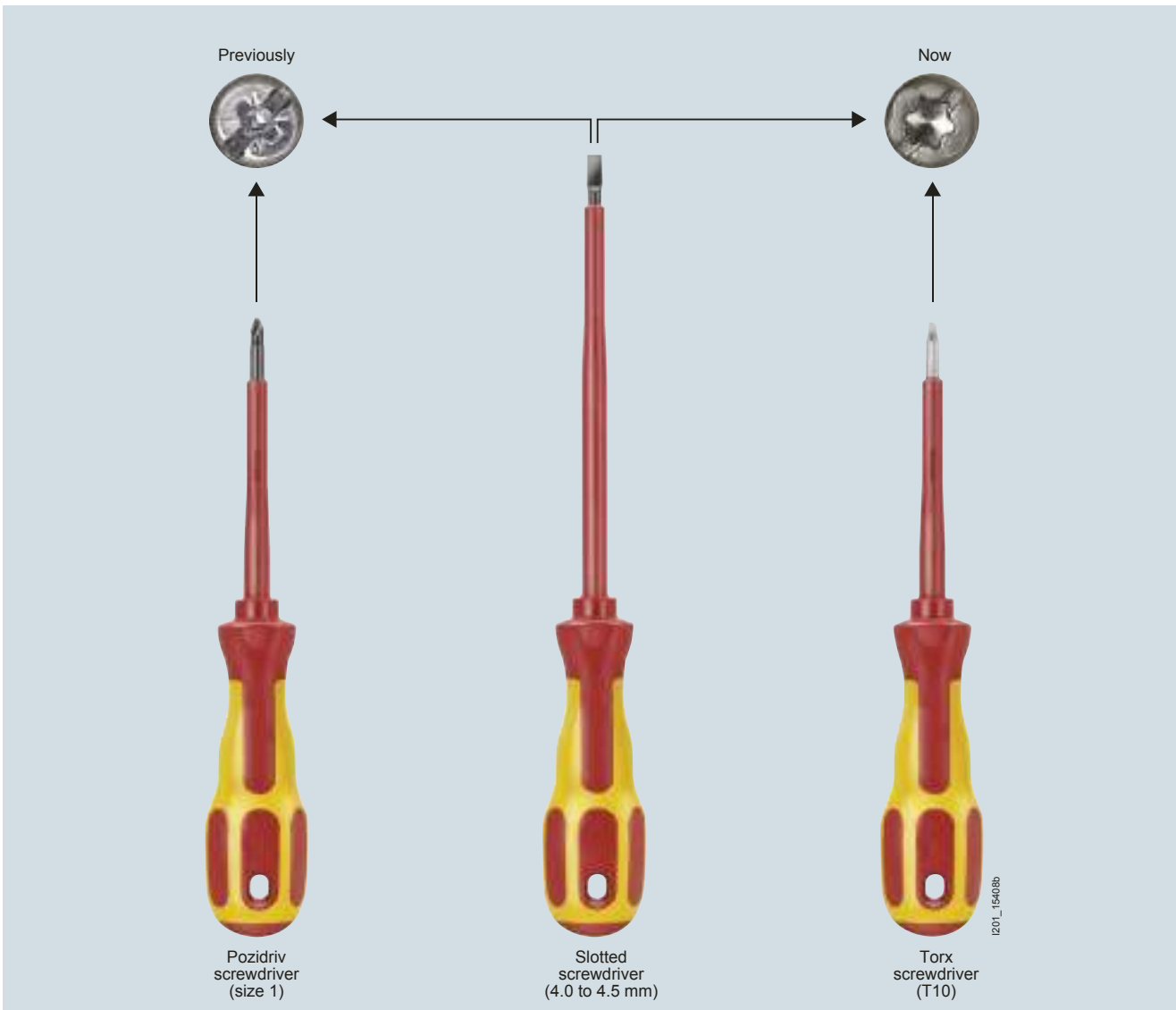
### Overview

#### Combination screws for Torx T10 and slotted screwdrivers



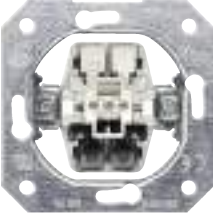
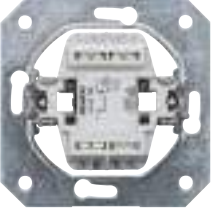


All our inserts for switches and pushbuttons, and all SCHUKO® socket outlets from the DELTA product range, are equipped with the new combination screws.

9








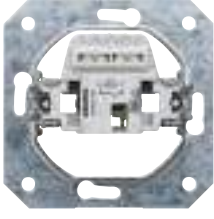
Use of different screwdrivers on the previously used and new combination screw.


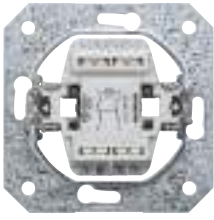

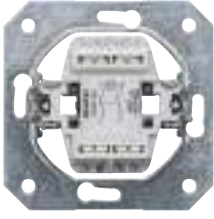

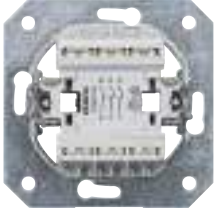
## Selection and ordering data

Version		Order No.
<b>Inserts for switches</b>		
<b>General information</b> <ul style="list-style-type: none"> <li>• 10 AX; 250 V AC</li> <li>• Contact material: cadmium and nickel-free</li> <li>• Live parts covered by molded plastic</li> </ul>		
Note	Section	Page
• For extension claws, see ...	<i>Accessories and spare parts</i>	9/14
• Maximum permissible lamp loads, see ...	<i>Technical Information / Switches and Pushbuttons / Switches</i>	16/6
<b>Universal switches</b>		
For ON/OFF and two-way switching		
Versions		
<ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>		<b>5TA2156</b> <b>5TA2156-0KK</b>
For tops see section		Page (ff.)
• <i>Design / i-system / Switches and Pushbuttons</i>		2/5
• <i>Design / DELTA profil/Switches and Pushbuttons</i>		5/6
• <i>Design / DELTA style/Switches and Pushbuttons</i>		6/6
Note	Section	Page
For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Universal switches</i>	16/6
		
5TA2156 (front view)		
		
5TA2156 (rear view)		
<b>Universal switches, for school program</b>		
For ON/OFF and two-way switching		
For tops see section		Page (ff.)
<i>Design / i-system / School Program</i>		2/28
		
5TA2131 (front view)		
		
5TA2131 (rear view)		

## Switching/Pushbutton Control/Dimming







## Inserts

Version		Order No.
<b>Intermediate switches</b>		
	Versions	
	<ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>	
	For tops see section	Page (ff.)
	<ul style="list-style-type: none"> <li>• Design / i-system / Switches and Pushbuttons 2/5</li> <li>• Design / DELTA profil/Switches and Pushbuttons 5/6</li> <li>• Design / DELTA style/Switches and Pushbuttons 6/6</li> </ul>	
5TA2117 (front view)	Note	Section Page
	For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Intermediate switches</i>
		
<b>Intermediate switches, for school program</b>		
	For tops see section	
	Design / i-system / School Program	
5TA2132 (front view)		
		
<b>ON/OFF switches, 1-pole</b>		
	Versions	
	<ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>	
	For tops see section	Page (ff.)
	<ul style="list-style-type: none"> <li>• Design / i-system / Switches and Pushbuttons 2/5</li> <li>• Design / DELTA profil/Switches and Pushbuttons 5/6</li> <li>• Design / DELTA style/Switches and Pushbuttons 6/6</li> </ul>	
5TA2151 (front view)	Note	Section Page
	For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / ON/OFF switches, 1-pole</i>
		


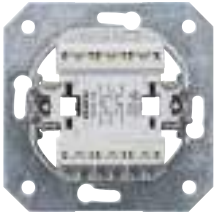

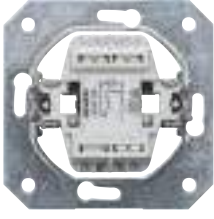

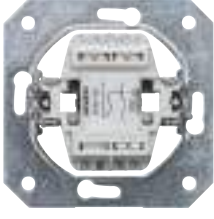
Version		Order No.				
 5TA2112 (front view)	<b>ON/OFF switches, 2-pole, 10 AX</b> 250 V AC Versions <ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul> For tops see section	<b>5TA2112</b> <b>5TA2112-0KK</b>				
	<table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>2/5</td> </tr> <tr> <td>5/6</td> </tr> <tr> <td>6/6</td> </tr> </tbody> </table>		Page (ff.)	2/5	5/6	6/6
	Page (ff.)					
	2/5					
5/6						
6/6						
<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Switches and Pushbuttons / ON/OFF switches, 2-pole</i></td> <td>16/7</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / ON/OFF switches, 2-pole</i>	16/7
Note	Section	Page				
For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / ON/OFF switches, 2-pole</i>	16/7				
 5TA2112 (rear view)						
 5TA2162 (front view)	<b>ON/OFF switches, 2-pole, 16 AX</b> 250 V AC Versions <ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul> For tops see section	<b>5TA2162</b> <b>5TA2162-0KK</b>				
	<table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>2/5</td> </tr> <tr> <td>5/6</td> </tr> <tr> <td>6/6</td> </tr> </tbody> </table>		Page (ff.)	2/5	5/6	6/6
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6/6						
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Note	Section	Page				
For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / ON/OFF switches, 2-pole</i>	16/7				
 5TA2162 (rear view)						
 5TA2153 (front view)	<b>ON/OFF switches, 3-pole, 16 A</b> 400 V AC Versions <ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul> For tops see section	<b>5TA2153</b> <b>5TA2153-0KK</b>				
	<table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>2/5</td> </tr> <tr> <td>5/6</td> </tr> <tr> <td>6/6</td> </tr> </tbody> </table>		Page (ff.)	2/5	5/6	6/6
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6/6						
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Note	Section	Page				
For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / ON/OFF switches, 2-pole</i>	16/7				
 5TA2153 (rear view)						

## Switching/Pushbutton Control/Dimming

## Inserts


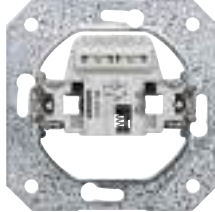

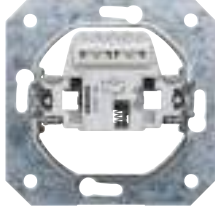
Version		Order No.																		
	<b>Switches with pilot lamp, for ON/OFF switching</b> With 5TG7333 glow lamp (medium luminosity)	<b>5TA2150</b> <b>5TA2150-0KK</b>																		
	<table border="1"> <thead> <tr> <th>Versions</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• With claws</td> <td>2/5</td> </tr> <tr> <td>• Without claws for hollow-wall mounting</td> <td>5/6</td> </tr> <tr> <td>For tops see section</td> <td>6/6</td> </tr> <tr> <td>• <i>Design / i-system / Switches and Pushbuttons</i></td> <td>2/5</td> </tr> <tr> <td>• <i>Design / DELTA profil/Switches and Pushbuttons</i></td> <td>5/6</td> </tr> <tr> <td>• <i>Design / DELTA style/Switches and Pushbuttons</i></td> <td>6/6</td> </tr> <tr> <th>Note</th> <th>Section</th> </tr> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Switches and Pushbuttons / Switches with pilot lamp for ON/OFF switching</i></td> </tr> <tr> <td></td> <td>16/8</td> </tr> </tbody> </table>		Versions	Page (ff.)	• With claws	2/5	• Without claws for hollow-wall mounting	5/6	For tops see section	6/6	• <i>Design / i-system / Switches and Pushbuttons</i>	2/5	• <i>Design / DELTA profil/Switches and Pushbuttons</i>	5/6	• <i>Design / DELTA style/Switches and Pushbuttons</i>	6/6	Note	Section	For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Switches with pilot lamp for ON/OFF switching</i>
Versions	Page (ff.)																			
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• <i>Design / DELTA profil/Switches and Pushbuttons</i>	5/6																			
• <i>Design / DELTA style/Switches and Pushbuttons</i>	6/6																			
Note	Section																			
For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Switches with pilot lamp for ON/OFF switching</i>																			
	16/8																			
																				
5TA2150 (front view)																				
5TA2150 (rear view)																				
	<b>Switches with pilot lamp, for two-way switching</b> With 5TG7333 glow lamp (medium luminosity)	<b>5TA2108</b> <b>5TA2108-0KK</b>																		
	<table border="1"> <thead> <tr> <th>Versions</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• With claws</td> <td>2/5</td> </tr> <tr> <td>• Without claws for hollow-wall mounting</td> <td>5/6</td> </tr> <tr> <td>For tops see section</td> <td>6/6</td> </tr> <tr> <td>• <i>Design / i-system / Switches and Pushbuttons</i></td> <td>2/5</td> </tr> <tr> <td>• <i>Design / DELTA profil/Switches and Pushbuttons</i></td> <td>5/6</td> </tr> <tr> <td>• <i>Design / DELTA style/Switches and Pushbuttons</i></td> <td>6/6</td> </tr> <tr> <th>Note</th> <th>Section</th> </tr> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Switches and Pushbuttons / Switches with pilot lamp for two-way switching</i></td> </tr> <tr> <td></td> <td>16/8</td> </tr> </tbody> </table>		Versions	Page (ff.)	• With claws	2/5	• Without claws for hollow-wall mounting	5/6	For tops see section	6/6	• <i>Design / i-system / Switches and Pushbuttons</i>	2/5	• <i>Design / DELTA profil/Switches and Pushbuttons</i>	5/6	• <i>Design / DELTA style/Switches and Pushbuttons</i>	6/6	Note	Section	For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Switches with pilot lamp for two-way switching</i>
Versions	Page (ff.)																			
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For tops see section	6/6																			
• <i>Design / i-system / Switches and Pushbuttons</i>	2/5																			
• <i>Design / DELTA profil/Switches and Pushbuttons</i>	5/6																			
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Note	Section																			
For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Switches with pilot lamp for two-way switching</i>																			
	16/8																			
																				
5TA2108 (front view)																				
5TA2108 (rear view)																				
	<b>Switches with pilot lamp, for ON/OFF switching, for school program</b> With 5TG7333 glow lamp (medium luminosity)	<b>5TA2130</b>																		
	<table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td><i>Design / i-system / School Program</i></td> <td>2/28</td> </tr> </tbody> </table>		For tops see section	Page (ff.)	<i>Design / i-system / School Program</i>	2/28														
For tops see section	Page (ff.)																			
<i>Design / i-system / School Program</i>	2/28																			
																				
5TA2130 (front view)																				
5TA2130 (rear view)																				


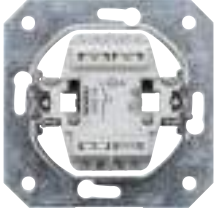

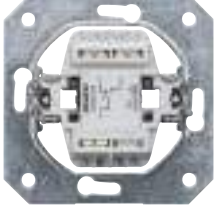
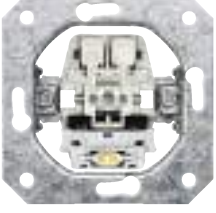



Version		Order No.	
<b>Double two-way switches</b>			
 5TA2118 (front view)	<b>Versions</b> <ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>	<b>5TA2118</b> <b>5TA2118-0KK</b>	
	For tops see section		Page (ff.)
	<ul style="list-style-type: none"> <li>• <i>Design / i-system / Switches and Pushbuttons</i></li> <li>• <i>Design / DELTA profil/Switches and Pushbuttons</i></li> <li>• <i>Design / DELTA style/Switches and Pushbuttons</i></li> </ul>		2/5 5/6 6/6
	Note		Section
 5TA2118 (rear view)	For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Double two-way switches</i> 16/9	
<b>Two-circuit switches</b>			
 5TA2155 (front view)	<b>Versions</b> <ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>	<b>5TA2155</b> <b>5TA2155-0KK</b>	
	For tops see section		Page (ff.)
	<ul style="list-style-type: none"> <li>• <i>Design / i-system / Switches and Pushbuttons</i></li> <li>• <i>Design / DELTA profil/Switches and Pushbuttons</i></li> <li>• <i>Design / DELTA style/Switches and Pushbuttons</i></li> </ul>		2/5 5/6 6/6
	Note		Section
 5TA2155 (rear view)	For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Two-circuit switches</i> 16/9	
<b>Two-circuit switches for school program</b>			
 5TA2128 (front view)	For tops see section	Page (ff.)	
	<i>Design / i-system / School Program</i>	2/28	
 5TA2128 (rear view)			

## Switching/Pushbutton Control/Dimming






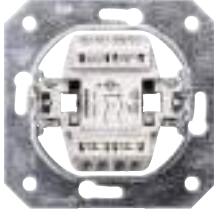
## Inserts

Version	Order No.
<b>Inserts for pushbuttons</b>	
<b>General information</b> <ul style="list-style-type: none"> <li>• With green switch lever</li> <li>• 10 A; 250 V AC</li> <li>• Contact material: cadmium and nickel-free</li> <li>• Live parts covered by molded plastic</li> </ul>	
Note	Section Page
For extension claws, see ...	<i>Accessories and spare parts</i> 9/14
<b>Pushbuttons, 1 NO contact</b>	
Versions	
<ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>	
For tops see section	Page (ff.)
• <i>Design / i-system / Switches and Pushbuttons</i>	2/5
• <i>Design / DELTA profil/Switches and Pushbuttons</i>	5/6
• <i>Design / DELTA style/Switches and Pushbuttons</i>	6/6
Note	Section Page
For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Pushbuttons, 1 NO contact</i> 16/9
	<b>5TD2120</b> <b>5TD2120-0KK</b>
5TD2120 (front view)	
	
5TD2120 (rear view)	
<b>Pushbuttons, 1 NO contact, for school program</b>	
For tops see section	Page (ff.)
<i>Design / i-system / School Program</i>	2/28
	<b>5TD2125</b>
5TD2125 (front view)	
	
5TD2125 (rear view)	

	Version	Order No.						
 <p>5TD2116 (front view)</p>	<p><b>Pushbuttons, 1 NO contact, with separate neutral terminal</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>2/5</td> </tr> <tr> <td>5/6</td> </tr> <tr> <td>6/6</td> </tr> </tbody> </table>	Page (ff.)	2/5	5/6	6/6	<p><b>5TD2116</b> <b>5TD2116-0KK</b></p>		
Page (ff.)								
2/5								
5/6								
6/6								
 <p>5TD2116 (rear view)</p>								
 <p>5TD2123 (front view)</p>	<p><b>Pushbuttons, 1 CO contact</b></p> <ul style="list-style-type: none"> <li>• Can also be used as NC contact</li> <li>• Cannot be illuminated</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>2/5</td> </tr> <tr> <td>5/6</td> </tr> <tr> <td>6/6</td> </tr> </tbody> </table>	Page (ff.)	2/5	5/6	6/6	<p><b>5TD2123</b> <b>5TD2123-0KK</b></p>		
Page (ff.)								
2/5								
5/6								
6/6								
 <p>5TD2123 (rear view)</p>								
 <p>5TD2117 (front view)</p>	<p><b>Pushbuttons, 1 CO contact, with separate neutral terminal with LED insert 5TG7333</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>2/5</td> </tr> <tr> <td>5/6</td> </tr> <tr> <td>6/6</td> </tr> </tbody> </table>	Page (ff.)	2/5	5/6	6/6	<p><b>5TD2117</b> <b>5TD2117-0KK</b></p>		
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5/6								
6/6								
 <p>5TD2117 (rear view)</p>	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Switches and Pushbuttons / Pushbuttons, 1 CO contact, with separate neutral terminal</i></td> <td>16/10</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Pushbuttons, 1 CO contact, with separate neutral terminal</i>	16/10	
Note	Section	Page						
For Technical specifications, see ...	<i>Technical Information / Switches and Pushbuttons / Pushbuttons, 1 CO contact, with separate neutral terminal</i>	16/10						

## Switching/Pushbutton Control/Dimming

## Inserts

Version		Order No.
 5TD2114 (front view)	<b>Pushbuttons with separate check-back indication</b> without glow lamp	
	Versions	
	<ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>	
	For tops see section	Page (ff.)
 5TD2114 (rear view)	<ul style="list-style-type: none"> <li>• <i>Design / i-system / Switches and Pushbuttons</i></li> <li>• <i>Design / DELTA profil/Switches and Pushbuttons</i></li> <li>• <i>Design / DELTA style/Switches and Pushbuttons</i></li> </ul>	
	Note	Section
	For Technical specifications, see ...	Page
		<b>5TD2114</b> <b>5TD2114-0KK</b>
 5TD2115 (front view)	<b>Pushbuttons, double, 1 NO contact, 1 CO contact</b>	
	Versions	
	<ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>	
	For tops see section	Page (ff.)
 5TD2115 (rear view)	<ul style="list-style-type: none"> <li>• <i>Design / i-system / Switches and Pushbuttons</i></li> <li>• <i>Design / DELTA profil/Switches and Pushbuttons</i></li> <li>• <i>Design / DELTA style/Switches and Pushbuttons</i></li> </ul>	
	Note	Section
	For Technical specifications, see ...	Page
		<b>5TD2115</b> <b>5TD2115-0KK</b>
 5TD2111 (front view)	<b>Pushbuttons, double, 2 NO contacts</b>	
	Versions	
	<ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>	
	For tops see section	Page (ff.)
 5TD2111 (rear view)	<ul style="list-style-type: none"> <li>• <i>Design / i-system / Switches and Pushbuttons</i></li> <li>• <i>Design / DELTA profil/Switches and Pushbuttons</i></li> <li>• <i>Design / DELTA style/Switches and Pushbuttons</i></li> </ul>	
	Note	Section
	For Technical specifications, see ...	Page
		<b>5TD2111</b> <b>5TD2111-0KK</b>

Version

Order No.

## Inserts for dimmers

**General information**

The devices comply with EN 55014, Class B.



5TC8257

**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: 5TG8305
- With temperature cutout, not resettable
- Trimming potentiometer for basic brightness
- Rotary potentiometer with soft notching
- VDE and KEMA certification

5TC8257

Symbol	For tops see section	Page (ff.)
	Design / i-system / Lighting Controls	2/21
	Design / DELTA profil/Lighting Controls	5/14
	Design / DELTA style/Lighting Controls	6/18
Note	Section	Page
For Technical specifications, see ...	Technical Information / Dimmers / Incandescent lamp dimmers, 50 to 600 W, for two-way switching	16/16



5TC8283

**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: 5TG8330
- With temperature cutout, not resettable
- Trimming potentiometer for basic brightness
- Rotary potentiometer with soft notching
- VDE and KEMA certification

5TC8283

**Rated load**

- |  |               |
|--|---------------|
| • Incandescent lamps                         | 50 ... 600 W  |
| • High-voltage halogen lamps                 | 50 ... 600 W  |
| • LV halogen lamps with magnetic transformer | 25 ... 500 VA |

Symbol	For tops see section	Page (ff.)
	Design / i-system / Lighting Controls	2/21
	Design / DELTA profil/Lighting Controls	5/16
	Design / DELTA style/Lighting Controls	6/18
Note	Section	Page
For Technical specifications, see ...	Technical Information / Dimmers / Low-voltage dimmers, for magnetic transformers, 50 ... 600 W, 25 ... 500 VA, for two-way switching	16/17



5TC8263

**Low voltage rotary-dimmer for LED LAMPS 60W and RL 6-120W**














- Loads: AC 230 V, 50/60 Hz
- Reversible operating electronic fuse
- Two terminals for two-way switching
- Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1
- Rated load (up to 35 °C ambient temperature)
  - Incandescent lamps: 6 ... 120 W
  - High-volt halogen lamps: 6 ... 120 W
  - Low voltage halogen lamps magn.: 25 ... 100 VA
  - Dimmable LED Lamps 60 W

5TC8263








Symbol	For tops see section	Page (ff.)
	Design / i-system / Lighting Controls	2/21
	Design / DELTA profil/Lighting Controls	5/14
	Design / DELTA style/Lighting Controls	6/18
Note	Technical data, compatible lamps list, see Siemens Online Support Portal <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>	

## Switching/Pushbutton Control/Dimming

## Inserts

	Version	Order No.																										
	<p><b>LV dimmers, for electronic transformers, 60 ... 800 W, 60 ... 800 VA, for two-way switching</b></p> <ul style="list-style-type: none"> <li>• Trailing-edge phase technology 230 V AC, 50 Hz</li> <li>• With pushbutton ON/OFF/two-way switch and rotary operation</li> <li>• For claw and screw fixing</li> <li>• Screw terminals with anti-slip terminal body for solid and finely stranded conductors</li> <li>• With electronic fuse, short-circuit resistant</li> <li>• With temperature cutout, self-resetting</li> <li>• Trimming potentiometer for load matching</li> <li>• Rotary potentiometer with soft notching</li> <li>• VDE approved</li> </ul>	5TC8258																										
5TC8258	<table border="1"> <thead> <tr> <th colspan="2">Rated load</th> </tr> </thead> <tbody> <tr> <td>• Incandescent lamps</td> <td>60 ... 800 W</td> </tr> <tr> <td>• High-voltage halogen lamps</td> <td>60 ... 800 W</td> </tr> <tr> <td>• LV halogen lamps with electronic transformer</td> <td>60 ... 800 VA</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Symbol</th> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td></td> <td><i>Design / i-system / Lighting Controls</i></td> <td>2/21</td> </tr> <tr> <td></td> <td><i>Design / DELTA profil/Lighting Controls</i></td> <td>5/14</td> </tr> <tr> <td></td> <td><i>Design / DELTA style/Lighting Controls</i></td> <td>6/18</td> </tr> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Dimmers / Dimmers for electronic transformers, 60 ... 800 W, 60 ... 800 VA, for two-way switching</i></td> <td>16/24</td> </tr> </tbody> </table>	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.)		<i>Design / i-system / Lighting Controls</i>	2/21		<i>Design / DELTA profil/Lighting Controls</i>	5/14		<i>Design / DELTA style/Lighting Controls</i>	6/18	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Dimmers / Dimmers for electronic transformers, 60 ... 800 W, 60 ... 800 VA, for two-way switching</i>	16/24	
Rated load																												
• Incandescent lamps	60 ... 800 W																											
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	<i>Design / i-system / Lighting Controls</i>	2/21																										
	<i>Design / DELTA profil/Lighting Controls</i>	5/14																										
	<i>Design / DELTA style/Lighting Controls</i>	6/18																										
Note	Section	Page																										
For Technical specifications, see ...	<i>Technical Information / Dimmers / Dimmers for electronic transformers, 60 ... 800 W, 60 ... 800 VA, for two-way switching</i>	16/24																										
	<p><b>Dimmer Universal RLC</b></p> <ul style="list-style-type: none"> <li>• Power supply 230V~ 50Hz. Consumption 3VA.</li> <li>• Admits up to 3 lighted pushbuttons &amp; unlimited non-lighted.</li> <li>• Valid for Incandescence &amp; Halogens: <ul style="list-style-type: none"> <li>- Incandescent &amp; 230V Halogen lamps 15W ~ 400W</li> <li>- Halogen lamps with Inductive Transformer 20W ~ 250W</li> <li>- Halogen lamps with Electronic</li> </ul> </li> <li>• Transformer 15W ~ 400W. Weight: 40g.</li> <li>• Working temperature 0°C ~ +40°C.</li> <li>• Dimensions 45 x 45 x 12 mm.</li> <li>• Storage temperature -30°C ~ +70°C.</li> <li>• Environmental protection IP20 according to DIN EN 20324. According to the Standard DIN EN 60669-2-1.</li> </ul>	5TC8210-0																										
5TC8210-0	<table border="1"> <thead> <tr> <th>Symbol</th> <th>For tops see section</th> </tr> </thead> <tbody> <tr> <td></td> <td><i>Design / All DELTA programmes push-buttons</i></td> </tr> </tbody> </table>	Symbol	For tops see section		<i>Design / All DELTA programmes push-buttons</i>																							
Symbol	For tops see section																											
	<i>Design / All DELTA programmes push-buttons</i>																											
	<p><b>Led Dimmer</b></p> <ul style="list-style-type: none"> <li>• Power supply 230V~ 50/60Hz.</li> <li>• Consumption 2VA. Valid for... Dimmable LED lamps: <ul style="list-style-type: none"> <li>- 230V~ LED lamp 4W ~ 100W</li> <li>- 12V ~ LED lamp (with electronic transformer)</li> </ul> </li> <li>• 1 lamp/transfo &amp; max. 6 transformers (50W).</li> <li>• Admits up to...3 lighted pushbuttons &amp; unlimited non-lighted.</li> <li>• Dimensions 45 x 45 x 12 mm. Weight: 23 g..</li> <li>• Working temperature 0°C ~ +40°C.</li> <li>• Storage temperature -30°C ~ +70°C.</li> <li>• IP20 according to DIN EN 20324. According to the Standard DIN EN 60669-2-1</li> </ul>	5TC8211-0																										
5TC8211-0	<table border="1"> <thead> <tr> <th>Symbol</th> <th>For tops see section</th> </tr> </thead> <tbody> <tr> <td></td> <td><i>Design / All DELTA programmes push-buttons</i></td> </tr> </tbody> </table> <p>Technical data, compatible lamps list, see Siemens Online Support Portal <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></p>	Symbol	For tops see section		<i>Design / All DELTA programmes push-buttons</i>																							
Symbol	For tops see section																											
	<i>Design / All DELTA programmes push-buttons</i>																											
	<p><b>Dimmer for Led</b></p> <ul style="list-style-type: none"> <li>• Power supply: 12 - 48V</li> <li>• Consumption: &lt;12mA., Maximum load 8A.</li> <li>• Minimum brightness level: 1% ~ 60%.</li> <li>• Duration of brightness setting: 3...10 sec.</li> <li>• Control: Pushbutton referred to ground or pushbutton isolated referred to 230V~.</li> <li>• Dimensions: 45 x 45 x 12mm.</li> <li>• Operation temperature. 0°C to +40°C.</li> <li>• Storage temperature: -30°C to +70°C.</li> <li>• IP20 according to DIN EN 20324. According to the Standard DIN EN 60669-2-1</li> </ul>	5TC8212-0																										
5TC8212-0	<table border="1"> <thead> <tr> <th>Note</th> </tr> </thead> <tbody> <tr> <td>Technical data, compatible lamps list, see Siemens Online Support Portal <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></td> </tr> </tbody> </table>	Note	Technical data, compatible lamps list, see Siemens Online Support Portal <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>																									
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Version	Order No.															
 <p>5TC8213-0</p> <p><b>Dimmer for dimmable compact fluorescent lamps</b></p> <ul style="list-style-type: none"> <li>• Power supply 230V~ 50Hz.</li> <li>• Consumption 3VA.</li> <li>• Valid for Dimmable Compact Fluorescent lamps.</li> <li>• Load 20W ~ 200W.</li> <li>• Dimensions 45 x 45 x 12 mm.</li> <li>• Weight: 40g.</li> <li>• Working temperature 0°C ~ +40°C.</li> <li>• Storage temperature -30°C ~ +70°C.</li> <li>• Environmental protection IP20 according to EN 60529.</li> <li>• According to the Standard DIN EN 60669-2-1.</li> </ul> <p>Symbol For tops see section</p> <p><i>Design / All DELTA programmes push-buttons</i></p> <p>Technical data, compatible lamps list, see Siemens Online Support Portal <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></p>	<p><b>5TC8213-0</b></p>															
<b>Inserts for lighting control/switching</b>																
 <p>5TC8424</p> <p><b>Electronic potentiometers, switch</b></p> <ul style="list-style-type: none"> <li>• Control device for the brightness of fluorescent lamps</li> <li>• Connection to electronic primary switching devices (ECG) with control input 1 ... 10 V DC</li> <li>• With pushbutton ON/OFF switch and rotary operation</li> <li>• For claw and screw fixing</li> <li>• Screw terminals with anti-slip terminal body for solid and finely stranded conductors</li> <li>• Control voltage: 1 ... 10 V DC</li> <li>• Max. control current: 50 mA</li> <li>• Load connection: 230 V AC/4 A</li> <li>• Trimming potentiometer for setting basic brightness</li> <li>• Rotary potentiometer with soft notching</li> <li>• VDE and KEMA certification</li> </ul> <p>Switching capacity</p> <table border="1"> <tr> <td>• OSRAM Quicktronic, dimmable, 1 x 58 W LL</td> <td>Max. 6 units</td> </tr> <tr> <td>• OSRAM Quicktronic, dimmable, 1 x 36 W LL</td> <td>Max. 9 units</td> </tr> </table> <p>Symbol For tops see section</p> <table border="1"> <thead> <tr> <th>Symbol</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td> 10 V</td> <td>2/21</td> </tr> <tr> <td><i>Design / i-system / Lighting Controls</i></td> <td>5/14</td> </tr> <tr> <td><i>Design / DELTA profil/Lighting Controls</i></td> <td>6/18</td> </tr> <tr> <td><i>Design / DELTA style/Lighting Controls</i></td> <td></td> </tr> </tbody> </table> <p>Note Section Page</p> <p>For Technical specifications, see ... <i>Technical Information / Dimmers / Electronic potentiometers, switches</i> 16/26</p>	• OSRAM Quicktronic, dimmable, 1 x 58 W LL	Max. 6 units	• OSRAM Quicktronic, dimmable, 1 x 36 W LL	Max. 9 units	Symbol	Page (ff.)	 10 V	2/21	<i>Design / i-system / Lighting Controls</i>	5/14	<i>Design / DELTA profil/Lighting Controls</i>	6/18	<i>Design / DELTA style/Lighting Controls</i>		<p><b>5TC8424</b></p>	
• OSRAM Quicktronic, dimmable, 1 x 58 W LL	Max. 6 units															
• OSRAM Quicktronic, dimmable, 1 x 36 W LL	Max. 9 units															
Symbol	Page (ff.)															
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<i>Design / i-system / Lighting Controls</i>	5/14															
<i>Design / DELTA profil/Lighting Controls</i>	6/18															
<i>Design / DELTA style/Lighting Controls</i>																
<b>Inserts for add-on devices</b>																
 <p>5TC1250</p> <p><b>Time switches</b></p> <ul style="list-style-type: none"> <li>• For screw fixing</li> <li>• 16 A, 250 V AC</li> <li>• Runtime: 15 min</li> <li>• Can be switched off</li> <li>• 2-pole</li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td><i>Design / DELTA style/Accessories and spare parts</i> 6/18</td> </tr> </tbody> </table>	Page (ff.)	<i>Design / DELTA style/Accessories and spare parts</i> 6/18	<p><b>5TC1250</b></p>													
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<i>Design / DELTA style/Accessories and spare parts</i> 6/18																
 <p>5TG2400</p> <p><b>Staircase lighting switch</b></p> <ul style="list-style-type: none"> <li>• Power supply 230V~ 50Hz</li> <li>• Consumption 5VA</li> <li>• Valid for... Incandescence &amp; Halogen lamps <ul style="list-style-type: none"> <li>- Incandescent &amp; 230V Halogen lamps 40W - 400W</li> <li>- Halogen lamps with Inductive Transformer 50W - 320W</li> <li>- Halogen lamps with Electronic Transformer: 40W - 400W</li> <li>- Motors: 36W-100W</li> </ul> </li> <li>• Settings by: selector switch</li> <li>• Admits up to...3 lighted pushbuttons &amp; unlimited non-lighted</li> <li>• Dimensions 45 x 45 x 12 mm Weight: 22g</li> <li>• Working temperature 0°C ~ +40°C</li> <li>• Storage temperature -30°C ~ +70°C</li> <li>• Environmental protection IP20 according to DIN EN 20324</li> <li>• According to the standards DIN EN 60669-2-1 and DIN EN 60669-2-3</li> </ul> <p>Symbol For tops see section</p> <p><i>Design / All DELTA programmes push-buttons</i></p> <p>* The power source used for the controller must comply with the Low Voltage Directive 2006/95/EG and the Electromagnetic Compatibility Directive 2004/108/EG</p> <p>Technical data, compatible lamps list, see Siemens Online Support Portal <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a></p>	<p><b>5TG2400</b></p>															

## Switching/Pushbutton Control/Dimming

### Accessories and spare parts

#### Selection and ordering data

Version	Order No.																												
<b>Accessories</b>																													
 <p><b>LED light inserts, for switch and pushbutton inserts</b> For all rockers with windows</p> <table border="1"> <thead> <tr> <th>Fluorescent color</th> <th>Rated voltage</th> <th>Power consumption in mA</th> </tr> </thead> <tbody> <tr> <td rowspan="4">• Red</td> <td>8 V AC</td> <td>2</td> </tr> <tr> <td>12 V AC</td> <td>2</td> </tr> <tr> <td>24 V AC</td> <td>2</td> </tr> <tr> <td>230 V AC</td> <td>1</td> </tr> <tr> <td rowspan="2">• Orange - normal - Strong</td> <td>230 V AC</td> <td>0.9</td> </tr> <tr> <td>230 V AC</td> <td>1.0</td> </tr> <tr> <td rowspan="2">• White</td> <td>230 V AC</td> <td>1.1</td> </tr> <tr> <td>230 V AC</td> <td>1.1</td> </tr> <tr> <td colspan="3"><b>Note</b></td> </tr> <tr> <td colspan="3"> <ul style="list-style-type: none"> <li>The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already.</li> <li>If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.</li> </ul> </td> </tr> </tbody> </table>	Fluorescent color	Rated voltage	Power consumption in mA	• Red	8 V AC	2	12 V AC	2	24 V AC	2	230 V AC	1	• Orange - normal - Strong	230 V AC	0.9	230 V AC	1.0	• White	230 V AC	1.1	230 V AC	1.1	<b>Note</b>			<ul style="list-style-type: none"> <li>The LED light inserts cannot be used in all rocker color versions, since the rocker might be fitted with a colored window already.</li> <li>If using the LED light inserts together with energy-saving lamps or lights with conventional primary switching device, the LED may flicker slightly.</li> </ul>			<p><b>5TG7315</b></p> <p><b>5TG7316</b></p> <p><b>5TG7317</b></p> <p><b>5TG7353</b></p> <p><b>5TG7333</b></p> <p><b>5TG7343</b></p> <p><b>5TG7354</b></p> <p><b>5TG7355</b></p>
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 <p><b>Glow lamps for switch and pushbutton inserts</b></p> <ul style="list-style-type: none"> <li>Protected against contact</li> <li>230 V AC</li> <li>Reduced luminosity</li> <li>Power consumption 0.18 mA</li> <li>Base color: white</li> </ul>	<p><b>5TG7321</b></p>																												
 <p><b>Extension claws for DELTA inserts with rubber for self-retracting claws</b></p> <ul style="list-style-type: none"> <li>1 set contains ten extension claws</li> <li>2 extension claws are needed per insert</li> </ul>	<p><b>5TG2498</b></p>																												
<p><b>5TG2498</b></p>																													



## Motion detectors



10/2


Motion detectors

10

## Motion detectors

### Motion detectors

#### Selection and ordering data

Version	Order No.						
<b>Motion detector</b>							
 <p>5TC1700</p> <p><b>Motion detector</b> <b>NEW</b></p> <p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p>Technical specifications</p> <ul style="list-style-type: none"> <li>• Brightness threshold: 10 - 2000 Lux. - Time setting: 15sec. - 16min., pulse</li> <li>• Supply voltage: 110 – 240 V AC 50 / 60 Hz</li> <li>• Detection angle <ul style="list-style-type: none"> <li>- Max. 10 m when walking transversally to the detector</li> <li>- Range (1.10 - 2.20 m mounting height)</li> <li>- Max. 10 m when walking transversally to the detector Approx. 3 m when walking towards the detector</li> </ul> </li> <li>• Protection: Protection class IP20 / II / CE</li> <li>• Dimensions L x W x H: 70 x 70 x 61 mm</li> <li>• Switching power 180-R <ul style="list-style-type: none"> <li>- Ohmic load 2300W, <math>\cos\phi=1</math></li> <li>- Inductive load 1150 VA, <math>\cos\phi=0.5</math></li> <li>- Halogen lamps with transformer 1000 VA</li> </ul> </li> </ul> <p>Note</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Required for use with DELTA style intermediate frame titanium white 5TG1327</td> <td>6/5</td> </tr> <tr> <td>For Technical specifications, see ...</td> <td>16/29</td> </tr> </tbody> </table>	Note	Page	Required for use with DELTA style intermediate frame titanium white 5TG1327	6/5	For Technical specifications, see ...	16/29	<p><b>5TC1700</b></p>
Note	Page						
Required for use with DELTA style intermediate frame titanium white 5TG1327	6/5						
For Technical specifications, see ...	16/29						

Version

Order No.

#### Ceiling movement detector 360°



5TC7220-0



5TC7220-1

- Power supply: 230Vac 50Hz.
- Power consumption: <1W.
- Contact load: 16A  $\cos\zeta=1$
- Incandescence or halogens 230V: 3.000W.
- Halogens electronic transfo.: 3.000W.
- Halogens ferromagnetic transfo: 2.400W.
- Fluorescence: 1.300W (130 $\mu$ F).
- Led lamps.
- PL lamps: 18x7W, 12x11W, 10x15W, 10x20W, 10x23W.
- Detection angle: Circular 360° Range of coverage:  $\emptyset$ m at 2,5m high and 18°.
- Settings: via potentiometer. Lux value: 5-1.200 Lux. Time delay: 6 seconds to 12 minutes.
- Dimensions (mounted): 118,5mm x 45mm. Degree of protection: IP40 / Class II. Working temperature: -10° to +45°.

#### Versions

- Ceiling movement detector 360°
- Surface Ceiling movement detector 360°

Note	Section	Page
For further technical information, see ...	Technical Information	16/28

**5TC7220-0**  
**5TC7220-1**

## Shutter/Blind Controls








11/2 **Inserts**



11/5 **Inserts with cover plate**

## Shutter/Blind Controls

## Inserts


## Selection and ordering data

Version	Order No.								
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw and claw fixing</li> <li>• 10 A, 250 V AC</li> <li>• Live parts of inserts covered by molded plastic</li> <li>• Self-retracting claws</li> <li>• The screwless terminals are connecting terminals for Cu and aluminum conductors</li> </ul>									
<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For extension claws, see ...</td> <td><i>Functions / Switching/Push-button Control/Dimming / Accessories and spare parts</i></td> <td>9/14</td> </tr> </tbody> </table>	Note	Section	Page	For extension claws, see ...	<i>Functions / Switching/Push-button Control/Dimming / Accessories and spare parts</i>	9/14			
Note	Section	Page							
For extension claws, see ...	<i>Functions / Switching/Push-button Control/Dimming / Accessories and spare parts</i>	9/14							
<p><b>Shutter/blind switches, with electrical and mechanical interlock</b></p>									
 <p>5TA2154 (front view)</p>									
 <p>5TA2154 (rear view)</p>									
<p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>	<p><b>5TA2154</b> <b>5TA2154-0KK</b></p>								
<table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Shutter/Blind Controls</i></td> <td>2/18</td> </tr> <tr> <td>• <i>Design / DELTA profil/Shutter/Blind Controls</i></td> <td>5/12</td> </tr> <tr> <td>• <i>Design / DELTA style/Shutter/Blind Controls</i></td> <td>6/16</td> </tr> </tbody> </table>	For tops see section	Page (ff.)	• <i>Design / i-system / Shutter/Blind Controls</i>	2/18	• <i>Design / DELTA profil/Shutter/Blind Controls</i>	5/12	• <i>Design / DELTA style/Shutter/Blind Controls</i>	6/16	
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Note	Section	Page							
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind switches with electrical and mechanical interlock</i>	16/31							
<p><b>Shutter/blind pushbuttons, with electrical interlock</b></p>									
 <p>5TA2114 (front view)</p>									
 <p>5TA2114 (rear view)</p>									
<p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• With claws</li> <li>• Without claws for hollow-wall mounting</li> </ul>	<p><b>5TA2114</b> <b>5TA2114-0KK</b></p>								
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For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock</i>	16/31							
<p><b>Shutter/blind knob-operated switches</b></p> <ul style="list-style-type: none"> <li>• 10 A, 250 V AC</li> <li>• Momentary-contact and maintained-contact position to left and right and neutral position</li> </ul>									
 <p>5TA7692</p>									
<p><b>Versions</b></p> <ul style="list-style-type: none"> <li>• 1-pole</li> <li>• 2-pole</li> </ul>	<p><b>5TA7692</b> <b>5TA7693</b></p>								
<table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / DELTA style / Shutter/Blind Controls</i></td> <td>6/16</td> </tr> </tbody> </table>	For tops see section	Page (ff.)	• <i>Design / DELTA style / Shutter/Blind Controls</i>	6/16					
For tops see section	Page (ff.)								
• <i>Design / DELTA style / Shutter/Blind Controls</i>	6/16								





	Version	Order No.																				
	<p><b>sys shutter/blind control inserts</b></p> <ul style="list-style-type: none"> <li>For controlling a shutter/blind motor with mechanical or electronic limit switches</li> <li>Flush-mounting devices</li> <li>Operation is by means of <i>sys shutter/blind pushbuttons</i> and <i>UP 211 wave shutter/blind pushbuttons</i> (radio)</li> </ul> <p><b>Product features</b></p> <ul style="list-style-type: none"> <li>2 relays which are interlocked against each other with a minimum switch-over time of 1 s</li> <li>Group and central controls through combination of several shutter/blind control sys inserts</li> <li>The "wind alarm" safety function can be implemented through the UP extension unit input</li> <li>Multiphase operation possible (i.e. different phases at the main and secondary branches)</li> <li>Bridging of voltage interruptions less than 0.2 s</li> <li>Conventional shutter/blind pushbuttons (5TA2114) or switches (5TA2154) can be connected over secondary inputs</li> <li>Number of extension units: Unlimited</li> <li>Rated voltage: 230 V AC, 50 Hz (neutral conductor required)</li> <li>Connected load: max. 1 motor up to 1000 VA</li> </ul>	5TC1231																				
5TC1231	<p>For tops see section</p> <table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Shutter/Blind Controls</i></td> </tr> <tr> <td>• <i>Design / DELTA profil / Shutter/Blind Controls</i></td> </tr> <tr> <td>• <i>Design / DELTA style / Shutter/Blind Controls</i></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / sys shutter/blind control inserts</i></td> <td>16/35</td> </tr> </tbody> </table> <p>Note</p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1231/all">http://support.automation.siemens.com/ww/view/en/5tc1231/all</a></p>	Page (ff.)	• <i>Design / i-system / Shutter/Blind Controls</i>	• <i>Design / DELTA profil / Shutter/Blind Controls</i>	• <i>Design / DELTA style / Shutter/Blind Controls</i>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / sys shutter/blind control inserts</i>	16/35											
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For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / sys shutter/blind control inserts</i>	16/35																				
	<p><b>Shutter/blind control flush-mounting isolating relays</b></p> <ul style="list-style-type: none"> <li>Double, with individual control</li> <li>Relay for the control of several shutters or blinds</li> <li>Two motors can be controlled per isolating relay, even if further isolating relays are connected downstream</li> <li>Option for individual control of connected motors over shutter/blind pushbutton (e.g. 5TA2114)</li> <li>In order to ensure a sufficient degree of protection, the isolating relay must be installed in a surface-mounting or flush-mounting box</li> </ul> <p><b>Technical specifications</b></p> <table border="1"> <tbody> <tr> <td>• Rated voltage</td> <td>230 V/50 Hz ± 10 %</td> </tr> <tr> <td>• Relay switching voltage</td> <td>Max. 250 V</td> </tr> <tr> <td>• Relay switching capacity</td> <td>Max. 8 A (AC1), 3 A (ind.)</td> </tr> <tr> <td>• Control voltage</td> <td>230 V AC ± 10 %</td> </tr> <tr> <td>• Relay power consumption</td> <td>10 mA</td> </tr> <tr> <td>• Temperature range</td> <td>0 ... 60 °C</td> </tr> <tr> <td>• Terminals</td> <td>Max. 2.5 mm<sup>2</sup></td> </tr> <tr> <td>• Dimensions</td> <td>58 mm x 59 mm x 22 mm</td> </tr> <tr> <td>• Weight</td> <td>Approx. 75 g</td> </tr> <tr> <td>• Mounting</td> <td>Flush-mounting box from 70 mm Ø, 4 mm deep or surface-mounting box, 100 mm x 100 mm</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>Interlock to prevent simultaneous actuation of central and individual control</li> <li>Priority switching of the central command</li> <li>The switchover time between an UP and DOWN command must be at least 0.5 sec</li> <li>Only for in-phase operation</li> </ul>	• 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 <sup>2</sup>	• 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	5TC1270
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5TC1270	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For further technical information, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays</i></td> <td>16/42</td> </tr> </tbody> </table> <p>Note</p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1270/all">http://support.automation.siemens.com/ww/view/en/5tc1270/all</a></p>	Note	Section	Page	For further technical information, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays</i>	16/42															
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For further technical information, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays</i>	16/42																				

## Shutter/Blind Controls

## Inserts





	Version	Order No.						
	<p><b>Shutter/blind control flush-mounting isolating relays, compact</b></p> <ul style="list-style-type: none"> <li>Relay for the control of several shutters or blinds</li> <li>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</li> <li>If cascaded, a motor can be connected to each compact isolating relay, which can also be individually controlled over a shutter/blind pushbutton</li> <li>In order to ensure a sufficient degree of protection, the isolating relay must be installed in a surface-mounting or flush-mounting box</li> </ul>	5TC1271						
5TC1271	<p><b>Technical specifications</b></p> <ul style="list-style-type: none"> <li>Rated voltage: 230 V / 50 Hz ± 10 %</li> <li>Relay switching capacity: Max. 8 A (AC1), 3 A (ind.)</li> <li>Control voltage: 230 V / 50 Hz ± 10 %</li> <li>Relay power consumption: 10 mA</li> <li>Temperature range: 0 ... 60 °C</li> <li>Terminals: Max. 2,5 mm<sup>2</sup></li> <li>Dimensions: 50 mm x 53 mm x 22 mm</li> <li>Weight: Approx. 60 g</li> <li>Mounting: Flush-mounting box from 60 mm Ø, 40 mm deep or surface-mounting box, 75 mm x 75 mm x 37 mm</li> </ul> <ul style="list-style-type: none"> <li>Interlock to prevent simultaneous actuation of central and individual control</li> <li>Priority switching of the central command</li> <li>The switchover time between an UP and DOWN command must be at least 0.5 sec</li> <li>Only for in-phase operation</li> </ul>							
	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For further technical information, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact</i></td> <td>16/43</td> </tr> </tbody> </table>	Note	Section	Page	For further technical information, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind control flush-mounting isolating relays, compact</i>	16/43	
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	<p>Note</p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1271/all">http://support.automation.siemens.com/ww/view/en/5tc1271/all</a></p>							

## Selection and ordering data



Version	Order No.						
 <p><b>Shutter/blind knob-operated switches with Up/Down symbols</b></p> <ul style="list-style-type: none"> <li>In i-system design</li> <li>For screw and claw fixing</li> <li>Screw terminals</li> <li>10 A, 250 V AC</li> <li>Momentary-contact and maintained-contact position to left and right and neutral position</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>1-pole (changeover contact with neutral position) <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> </ul> </li> <li>2-pole (changeover contacts with neutral position) <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> </ul> </li> </ul> <p>Note</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter blind knob-operated switches</i></td> <td>16/32</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter blind knob-operated switches</i>	16/32	<p><b>5TA7660</b></p> <p><b>5TA7661</b></p> <p><b>5TA7661</b></p> <p><b>5TA7672</b></p>
Note	Section	Page					
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter blind knob-operated switches</i>	16/32					
 <p><b>Shutter/blind knob-operated switches, with "Down/Up" label</b></p> <ul style="list-style-type: none"> <li>In i-system design</li> <li>For screw and claw fixing</li> <li>Screw terminals</li> <li>10 A, 250 V AC</li> <li>1-pole (changeover contact with neutral position)</li> <li>Momentary-contact position to left and right and neutral position</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> </ul> <p>Note</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter blind knob-operated switches</i></td> <td>16/32</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter blind knob-operated switches</i>	16/32	<p><b>5TA7663</b></p>
Note	Section	Page					
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter blind knob-operated switches</i>	16/32					
 <p><b>Shutter/blind key-operated switches with Up/Down symbols</b></p> <ul style="list-style-type: none"> <li>In i-system design</li> <li>With safety lock and 2 keys</li> <li>For screw and claw fixing</li> <li>Screw terminals</li> <li>10 A, 250 V AC</li> <li>1-pole (changeover contact with neutral position)</li> <li>Identical key type</li> <li>Key can only be withdrawn in neutral position</li> <li>Momentary-contact and maintained-contact position to left and right and neutral position</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>Titanium white (similar to RAL 9010)</li> <li>Electrical white (RAL 1013)</li> </ul> <p>Note</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter blind knob-operated switches</i></td> <td>16/32</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter blind knob-operated switches</i>	16/32	<p><b>5TA7662</b></p> <p><b>5TA7673</b></p>
Note	Section	Page					
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter blind knob-operated switches</i>	16/32					
 <p><b>Shutter/blind key-operated switches with key symbol</b></p> <ul style="list-style-type: none"> <li>In DELTA fläche IP44 design</li> <li>IP44 splash-proof</li> <li>With Up/Down symbols (under the hinged lid)</li> <li>10 A, 250 V AC according to DIN 49200</li> <li>Enclosures made of high-impact molded plastic</li> <li>Size of cover: 66 mm x 75 mm</li> <li>Cable entry: slide nipples for cables with 8 ... 13.5 mm Ø</li> <li>Screw terminals</li> <li>1-pole (changeover contact with neutral position)</li> <li>With two keys</li> <li>Identical key type (different locking systems on request)</li> <li>Key can only be withdrawn in neutral position</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>Momentary-contact and maintained-contact position to left and right</li> <li>Momentary-contact position to left and right</li> </ul> <p>Note</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated</i></td> <td>16/32</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated</i>	16/32	<p><b>5TA7650</b></p> <p><b>5TA7651</b></p>
Note	Section	Page					
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated</i>	16/32					

## Shutter/Blind Controls

## Inserts with cover plate

	Version	Order No.																
 <p>5TD4708</p>	<p><b>Shutter/blind pushbuttons, with electrical interlock, with Up/Down symbols</b></p> <ul style="list-style-type: none"> <li>• In DELTA fläche IP44 design</li> <li>• Screwless terminals</li> <li>• Terminal assignment same as for 5TA2114 flush-mounting insert</li> </ul> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock</i></td> <td>16/31</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock</i>	16/31	5TD4708										
Note	Section	Page																
For Technical specifications, see ...	<i>Technical Information / Shutter/Blind Controls / Shutter/blind pushbuttons, with electrical interlock</i>	16/31																
 <p>5TA7666</p>	<p><b>Shutter/blind key-operated switches for master-key systems, with Up/Down symbols, momentary-contact position to left and right</b></p> <ul style="list-style-type: none"> <li>• In i-system design</li> <li>• For screw and claw fixing</li> <li>• Screw terminals</li> <li>• 10 A, 250 V AC</li> <li>• Key can only be withdrawn in neutral position</li> </ul> <table border="1"> <thead> <tr> <th colspan="3">Versions</th> </tr> </thead> <tbody> <tr> <td>• 1-pole (changeover contact with neutral position) - Titanium white (similar to RAL 9010)</td> <td></td> <td>5TA7666</td> </tr> <tr> <td>• 2-pole (changeover contacts with neutral position) - Titanium white (similar to RAL 9010)</td> <td></td> <td>5TA7667</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• 5TG4225 profile semicylinders must be ordered separately</td> <td rowspan="2"><i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems</i></td> <td rowspan="2">16/33</td> </tr> <tr> <td>• For Technical specifications, see ...</td> </tr> </tbody> </table>	Versions			• 1-pole (changeover contact with neutral position) - Titanium white (similar to RAL 9010)		5TA7666	• 2-pole (changeover contacts with neutral position) - Titanium white (similar to RAL 9010)		5TA7667	Note	Section	Page	• 5TG4225 profile semicylinders must be ordered separately	<i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems</i>	16/33	• For Technical specifications, see ...	5TA7666 5TA7667
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• For Technical specifications, see ...																		
 <p>5TA7664</p>	<p><b>Shutter/blind key-operated switches for master-key systems, with Up/Down symbols, momentary-contact and maintained-contact position to left and right</b></p> <ul style="list-style-type: none"> <li>• In i-system design</li> <li>• For screw and claw fixing</li> <li>• Screw terminals</li> <li>• 10 A, 250 V AC</li> <li>• Key can only be withdrawn in neutral position</li> </ul> <table border="1"> <thead> <tr> <th colspan="3">Versions</th> </tr> </thead> <tbody> <tr> <td>• 1-pole (changeover contact with neutral position) - Titanium white (similar to RAL 9010)</td> <td></td> <td>5TA7664</td> </tr> <tr> <td>• 2-pole (changeover contacts with neutral position) - Titanium white (similar to RAL 9010)</td> <td></td> <td>5TA7665</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• 5TG4225 profile semicylinders must be ordered separately</td> <td rowspan="2"><i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems</i></td> <td rowspan="2">16/33</td> </tr> <tr> <td>• For Technical specifications, see ...</td> </tr> </tbody> </table>	Versions			• 1-pole (changeover contact with neutral position) - Titanium white (similar to RAL 9010)		5TA7664	• 2-pole (changeover contacts with neutral position) - Titanium white (similar to RAL 9010)		5TA7665	Note	Section	Page	• 5TG4225 profile semicylinders must be ordered separately	<i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems</i>	16/33	• For Technical specifications, see ...	5TA7664 5TA7665 5TG4225
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• For Technical specifications, see ...																		
 <p>5TA7668</p>	<p><b>Shutter/blind key-operated switches for master-key systems, with Up/Down symbols, maintained-contact position to left and right</b></p> <ul style="list-style-type: none"> <li>• In i-system design</li> <li>• For screw and claw fixing</li> <li>• Screw terminals</li> <li>• 10 A, 250 V AC</li> </ul> <table border="1"> <thead> <tr> <th colspan="3">Versions</th> </tr> </thead> <tbody> <tr> <td>• 1-pole, changeover contact with neutral position, key can only be withdrawn in neutral position - Titanium white (similar to RAL 9010)</td> <td></td> <td>5TA7668</td> </tr> <tr> <td>• 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)</td> <td></td> <td>5TA7670</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• 5TG4225 profile semicylinders must be ordered separately</td> <td rowspan="2"><i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems</i></td> <td rowspan="2">16/33</td> </tr> <tr> <td>• For Technical specifications, see ...</td> </tr> </tbody> </table>	Versions			• 1-pole, changeover contact with neutral position, key can only be withdrawn in neutral position - Titanium white (similar to RAL 9010)		5TA7668	• 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)		5TA7670	Note	Section	Page	• 5TG4225 profile semicylinders must be ordered separately	<i>Technical Information / Shutter/Blind Controls / Shutter/blind key-operated switches, for master-key systems</i>	16/33	• For Technical specifications, see ...	5TA7668 5TA7670 5TG4225
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• For Technical specifications, see ...																		



	Version	Order No.																				
	<b>Profile semicylinders for "shutter/blind key-operated switches for master-key systems"</b> <ul style="list-style-type: none"> <li>• CES product</li> <li>• With three keys</li> <li>• Identical key type</li> </ul>	5TG4225																				
5TG4225																						
5TC1520	<b>Shutter/blind controls</b> <ul style="list-style-type: none"> <li>• For use in the DELTA line, DELTA miro, DELTA profil and DELTA style ranges</li> <li>• For controlling a blind or shutter motor with mechanical or electronic limit switches</li> <li>• Operation is by means of 4 control buttons</li> </ul>	5TC1520 5TC1532 5TC1522 5TC1524																				
	<table border="1"> <thead> <tr> <th>Versions</th> <th>Section</th> <th>Page</th> <th></th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic or silver (similar to RAL 9006)</li> <li>• Carbon metallic or anthracite (similar to RAL 7016)</li> </ul> </td> <td></td> <td></td> <td></td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• For use with the DELTA profil product range, the following <i>intermediate frames</i> must be ordered separately:               <ul style="list-style-type: none"> <li>- Titanium white (similar to RAL 9010)</li> <li>- Silver or aluminum metallic (similar to RAL 9006)</li> </ul> </li> </ul> </td> <td> <i>Design / DELTA profil / Frames</i> <i>dto.</i> </td> <td>5/5 5/5</td> <td>5TG1893 5TG1762</td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• For use with the DELTA style product range, titanium white, an <i>intermediate frame</i> must be ordered separately, see ...</li> </ul> </td> <td> <i>Design / DELTA style / Frames</i> </td> <td>6/5</td> <td>5TG1327</td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• For Technical specifications, see ...</li> </ul> </td> <td> <i>Technical Information / Shutter/Blind Controls / Shutter/blind controls</i> </td> <td>16/37</td> <td></td> </tr> </tbody> </table>	Versions	Section	Page		<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> <li>• Aluminum metallic or silver (similar to RAL 9006)</li> <li>• Carbon metallic or anthracite (similar to RAL 7016)</li> </ul>				<ul style="list-style-type: none"> <li>• For use with the DELTA profil product range, the following <i>intermediate frames</i> must be ordered separately:               <ul style="list-style-type: none"> <li>- Titanium white (similar to RAL 9010)</li> <li>- Silver or aluminum metallic (similar to RAL 9006)</li> </ul> </li> </ul>	<i>Design / DELTA profil / Frames</i> <i>dto.</i>	5/5 5/5	5TG1893 5TG1762	<ul style="list-style-type: none"> <li>• For use with the DELTA style product range, titanium white, an <i>intermediate frame</i> must be ordered separately, see ...</li> </ul>	<i>Design / DELTA style / Frames</i>	6/5	5TG1327	<ul style="list-style-type: none"> <li>• For Technical specifications, see ...</li> </ul>	<i>Technical Information / Shutter/Blind Controls / Shutter/blind controls</i>	16/37		
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	<b>Note</b> Download the operating and mounting instructions from: <a href="http://support.automation.siemens.com/ww/view/en/5tc1520/all">http://support.automation.siemens.com/ww/view/en/5tc1520/all</a>																					
	<b>Product features</b> <ul style="list-style-type: none"> <li>• Flush-mounting device without an extension unit input</li> <li>• 230 V AC, 50 Hz (N conductor required)</li> <li>• With screw and claw fixing</li> <li>• Type of connection: screw terminals</li> <li>• 2 relays which are electrically interlocked against each other with a minimum switchover time of approx. 1 s</li> <li>• Bridging of voltage interruptions &lt; 0.2 s</li> <li>• Connected load: max. 1 motor up to 1000 W</li> <li>• Pulse duration: approx. 2 min</li> <li>• Accuracy: ± 1 min per month</li> <li>• Reserve power: &gt; 6 h</li> <li>• Switching times: max. 4 (in 2 blocks: Mo ... Fr / Sa ... Su)</li> <li>• Factory preset switching times for faster commissioning</li> <li>• Possible reset to factory settings, manual operation is possible at any time</li> </ul>																					

## Shutter/Blind Controls

### Notes

11

## Room Temperature Controllers






12/2

Inserts

# Room Temperature Controllers

## Inserts




### Selection and ordering data

	Version	Order No.
 <p>5TC9774-4WH00</p>	<p><b>Room thermostat</b> <span style="color: orange;">NEW</span></p> <ul style="list-style-type: none"> <li>• Input rated voltage: 230 V~ - 50 Hz</li> <li>• Switching capacity NC: 10 A / 230 V~</li> <li>• Switching capacity NO: 5 A / 230 V~</li> <li>• Sensor type: bimetal type 1C Operating temp.: 5 to 30°C</li> <li>• Size of cover plate 55x55m</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Polar white (similar to RAL 9016)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>	<p><b>5TC9774-4WH00</b></p> <p><b>5TC9774-4AM00</b></p> <p><b>5TC9774-4CM00</b></p>
 <p>5TC9774-5WH00</p>	<p><b>Underfloor heating thermostat</b> <span style="color: orange;">NEW</span></p> <ul style="list-style-type: none"> <li>• Input rated voltage: 230 V~ - 50 Hz</li> <li>• External sensor (included): length 4 m (extendable to 50 m).</li> <li>• Sensor: external or internal &amp; external (monitor)</li> <li>• Switching capacity: 16 A / 230 V~</li> <li>• Operating temp.: 10 to 50°C (scale of 1 to 5)</li> <li>• Size of cover plate 55x55m</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Polar white (similar to RAL 9016)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>	<p><b>5TC9774-5WH00</b></p> <p><b>5TC9774-5AM00</b></p> <p><b>5TC9774-5CM00</b></p>
 <p>5TC9774-6WH00</p>	<p><b>Digital chronothermostat</b> <span style="color: orange;">NEW</span></p> <ul style="list-style-type: none"> <li>• Input rated voltage: 230 V~ - 50 Hz</li> <li>• Switching capacity: 10 A / 230 V~</li> <li>• Sensor: NTC-internal</li> <li>• Operating Temp.: -5°C to 30°C for ambient thermostat -10°C to 42°C for room thermostat</li> <li>• Size of cover plate 55x55m</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>• Polar white (similar to RAL 9016)</li> <li>• Aluminum metallic (similar to RAL 9006)</li> <li>• Carbon metallic (similar to RAL 7016)</li> </ul>	<p><b>5TC9774-6WH00</b></p> <p><b>5TC9774-6AM00</b></p> <p><b>5TC9774-6CM00</b></p>

# Room Temperature Controllers

## Inserts

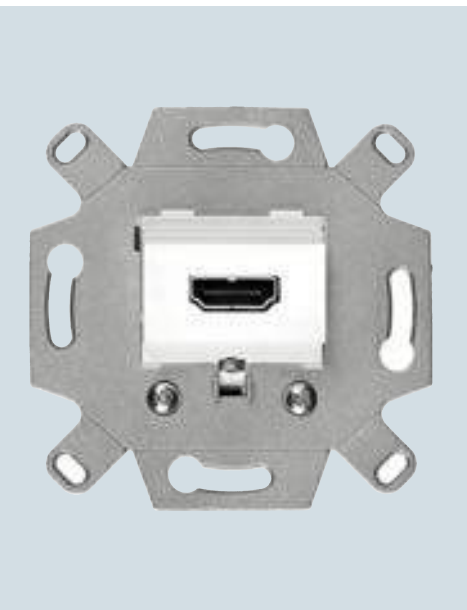
### Selection and ordering data

Version	Order No.														
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw fixing</li> <li>• With screwless terminals</li> </ul>															
 <p>5TC9200</p> <p><b>Room temperature controllers, 1 NC contact</b></p> <ul style="list-style-type: none"> <li>• 1/N 230 V/240 V AC, 50 Hz, 10 A (4 A)</li> <li>• Standard version with nighttime reduction</li> <li>• For electric and warm water convectors, pumps and tank control</li> <li>• The temperature controller operates as two-position controller with thermal feedback</li> <li>• If the temperature on the bimetal increases and the setpoint value is reached, the NC contact (heating contact) switches off</li> <li>• If the temperature on the bimetal sinks below the setpoint value minus the hysteresis, the NC contact switches back on</li> <li>• Activation of the temperature reduction lowers the temperature range by approx. 5 K</li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Room Temperature Controllers</i></td> <td>2/22</td> </tr> <tr> <td>• <i>Design / DELTA profil / Room Temperature Controllers</i></td> <td>5/14</td> </tr> <tr> <td>• <i>Design / DELTA style / Room Temperature Controllers</i></td> <td>6/20</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Room Temperature Controllers / Room temperature controllers, with 1 NC contact</i></td> <td>16/44</td> </tr> </tbody> </table>	For tops see section	Page (ff.)	• <i>Design / i-system / Room Temperature Controllers</i>	2/22	• <i>Design / DELTA profil / Room Temperature Controllers</i>	5/14	• <i>Design / DELTA style / Room Temperature Controllers</i>	6/20	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Room Temperature Controllers / Room temperature controllers, with 1 NC contact</i>	16/44	5TC9200
For tops see section	Page (ff.)														
• <i>Design / i-system / Room Temperature Controllers</i>	2/22														
• <i>Design / DELTA profil / Room Temperature Controllers</i>	5/14														
• <i>Design / DELTA style / Room Temperature Controllers</i>	6/20														
Note	Section	Page													
For Technical specifications, see ...	<i>Technical Information / Room Temperature Controllers / Room temperature controllers, with 1 NC contact</i>	16/44													
 <p>5TC9201</p> <p><b>Room temperature controllers, 1 CO contact</b></p> <ul style="list-style-type: none"> <li>• 1/N 230 V/240 V AC, 50 Hz, 10 A (4 A)</li> <li>• Normal version</li> <li>• For electric and warm water convectors, pumps and tank control</li> <li>• The temperature controller operates as two-position controller with thermal feedback</li> <li>• 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</li> <li>• If the temperature on the bimetal sinks below the setpoint value minus the hysteresis, the NC contact switches back on</li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Room Temperature Controllers</i></td> <td>2/22</td> </tr> <tr> <td>• <i>Design / DELTA profil / Room Temperature Controllers</i></td> <td>5/14</td> </tr> <tr> <td>• <i>Design / DELTA style / Room Temperature Controllers</i></td> <td>6/20</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Room Temperature Controllers / Room temperature controllers, with 1 CO contact</i></td> <td>16/44</td> </tr> </tbody> </table>	For tops see section	Page (ff.)	• <i>Design / i-system / Room Temperature Controllers</i>	2/22	• <i>Design / DELTA profil / Room Temperature Controllers</i>	5/14	• <i>Design / DELTA style / Room Temperature Controllers</i>	6/20	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Room Temperature Controllers / Room temperature controllers, with 1 CO contact</i>	16/44	5TC9201
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Note	Section	Page													
For Technical specifications, see ...	<i>Technical Information / Room Temperature Controllers / Room temperature controllers, with 1 CO contact</i>	16/44													
 <p>5TC9202</p> <p><b>Room temperature controllers, 3-position switch</b></p> <ul style="list-style-type: none"> <li>• 1/N 230 V/240 V AC, 50 Hz, 10 A (4 A)</li> <li>• With 3-position switches: automatic timing, constant day temperature, constant nighttime reduction</li> <li>• For electric and warm water convectors, pumps and tank control</li> <li>• The S1 switch can be used to preselect between time/day and night to control temperature reduction</li> <li>• The temperature controller operates as two-position controller with thermal feedback</li> <li>• If the temperature on the bimetal increases and the setpoint value is reached, the NC contact (heating contact) switches off</li> <li>• If the temperature on the bimetal sinks below the setpoint value minus the hysteresis, the NC contact switches back on</li> <li>• Activation of the temperature reduction lowers the temperature range by approx. 5 K</li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Room Temperature Controllers</i></td> <td>2/22</td> </tr> <tr> <td>• <i>Design / DELTA style / Room Temperature Controllers</i></td> <td>6/20</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td><i>Technical Information / Room Temperature Controllers / Room temperature controllers, 3-position switches</i></td> <td>16/45</td> </tr> </tbody> </table>	For tops see section	Page (ff.)	• <i>Design / i-system / Room Temperature Controllers</i>	2/22	• <i>Design / DELTA style / Room Temperature Controllers</i>	6/20	Note	Section	Page	For Technical specifications, see ...	<i>Technical Information / Room Temperature Controllers / Room temperature controllers, 3-position switches</i>	16/45	5TC9202		
For tops see section	Page (ff.)														
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• <i>Design / DELTA style / Room Temperature Controllers</i>	6/20														
Note	Section	Page													
For Technical specifications, see ...	<i>Technical Information / Room Temperature Controllers / Room temperature controllers, 3-position switches</i>	16/45													



5TC9203

Version		Order No.
<b>Room temperature controllers, direct floor heating</b> <ul style="list-style-type: none"> <li>• With remote sensor</li> <li>• 1 N 230 V AC, 50 Hz, switching capacity 2.3 kW, 10 A (4 A)</li> <li>• Switch contact, NO contact</li> <li>• For controlling floor storage heating and electric floor heating with heat mats</li> <li>• 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)</li> <li>• The rotary button lets you set the required floor temperature.</li> <li>• If the temperature falls below the set value, the control device demands heat, which is also visually indicated by a red LED</li> <li>• A nighttime reduction can be activated over the connection (time switch), this is indicated by a green LED</li> <li>• The temperature reduction is approx. 5 °C</li> </ul>		<b>5TC9203</b>
For tops see section		Page (ff.)
• <i>Design / i-system / Room Temperature Controllers</i>		<a href="#">2/22</a>
Note	Section	Page
For Technical specifications, see ...	<i>Technical Information / Room Temperature Controllers / Room temperature controllers, direct floor heating</i>	<a href="#">16/45</a>

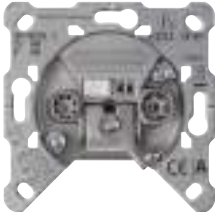
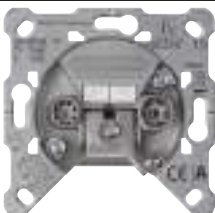
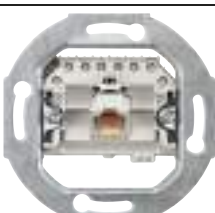


13/2	<b>Inserts</b>
13/8	<b>Chargers</b>
13/9	<b>Inserts with cover plate</b>
13/10	<b>Complete assemblies</b>
13/11	<b>m-system modules</b>





## Data and Communication Systems

## Inserts

## Selection and ordering data




Version	Order No.														
<b>Inserts for TV/RF/SAT</b>															
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For screw and claw fixing</li> <li>• Can be used with all international TV standards: B/G, D/K, I, L, M, CCIR/OIRT, PAL/SECAM/NTSC/Digital-TV</li> <li>• gap-free transition ranges at both outlets, i.e. any assignment possible with reverse channel and forward channel</li> <li>• Shielding EMC Class A to 300 MHz &gt; 85 dB/2400 MHz &gt; 55 dB</li> </ul>															
 <p><b>Aerial branch-circuit boxes</b></p> <ul style="list-style-type: none"> <li>• For use in individual, party, broadband cable and satellite aerial systems</li> <li>• Signal range from 4 ... 2400 MHz</li> <li>• Transfers remote power supply (max. 24 V DC/500 mA)</li> <li>• Connection attenuation 2 ... 4 dB</li> </ul>	<b>5TG2485</b>														
<p>For tops see section</p> <table border="1"> <thead> <tr> <th></th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• Design / i-system / TV/RF/SAT</td> <td>2/26</td> </tr> <tr> <td>• Design / DELTA profil/TV/RF/SAT</td> <td>5/17</td> </tr> <tr> <td>• Design / DELTA style/TV/RF/SAT</td> <td>6/23</td> </tr> </tbody> </table> <p>Note</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td>Technical Information / TV/RF/SAT / Aerial branch-circuit boxes</td> <td>16/49</td> </tr> </tbody> </table>		Page (ff.)	• Design / i-system / TV/RF/SAT	2/26	• Design / DELTA profil/TV/RF/SAT	5/17	• Design / DELTA style/TV/RF/SAT	6/23	Note	Section	Page	For Technical specifications, see ...	Technical Information / TV/RF/SAT / Aerial branch-circuit boxes	16/49	
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• Design / DELTA style/TV/RF/SAT	6/23														
Note	Section	Page													
For Technical specifications, see ...	Technical Information / TV/RF/SAT / Aerial branch-circuit boxes	16/49													
 <p><b>Aerial through-way boxes/terminal boxes</b></p> <ul style="list-style-type: none"> <li>• For use in party, broadband cable and satellite aerial systems</li> <li>• Can be used as terminal box with terminating resistor 75 Ω (included in delivery)</li> <li>• Signal range from 4 ... 2400 MHz</li> <li>• Throughput attenuation 1.5 dB</li> <li>• Connection attenuation 15 dB</li> </ul>	<b>5TG2484</b>														
<p>For tops see section</p> <table border="1"> <thead> <tr> <th></th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• Design / i-system / TV/RF/SAT</td> <td>2/26</td> </tr> <tr> <td>• Design / DELTA profil/TV/RF/SAT</td> <td>5/17</td> </tr> <tr> <td>• Design / DELTA style/TV/RF/SAT</td> <td>6/23</td> </tr> </tbody> </table> <p>Note</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td>Technical Information / TV/RF/SAT / Aerial through-way boxes/Terminal boxes</td> <td>16/49</td> </tr> </tbody> </table>		Page (ff.)	• Design / i-system / TV/RF/SAT	2/26	• Design / DELTA profil/TV/RF/SAT	5/17	• Design / DELTA style/TV/RF/SAT	6/23	Note	Section	Page	For Technical specifications, see ...	Technical Information / TV/RF/SAT / Aerial through-way boxes/Terminal boxes	16/49	
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For Technical specifications, see ...	Technical Information / TV/RF/SAT / Aerial through-way boxes/Terminal boxes	16/49													
<b>Inserts for data and voice networks</b>															
<p><b>General information</b></p> <ul style="list-style-type: none"> <li>• For installation in combination devices</li> <li>• With screw and claw fixing</li> </ul>															
<p>Note</p> <table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>For Technical specifications, see ...</td> <td>Technical Information / Communication / UAE outlet boxes</td> <td>16/49</td> </tr> </tbody> </table>	Note	Section	Page	For Technical specifications, see ...	Technical Information / Communication / UAE outlet boxes	16/49									
Note	Section	Page													
For Technical specifications, see ...	Technical Information / Communication / UAE outlet boxes	16/49													
 <p><b>UAE outlet boxes, Cat.3, Rutenbeck</b></p> <ul style="list-style-type: none"> <li>• With inclined outlet for RJ 11/12 and RJ 45</li> <li>• With screw terminals</li> <li>• Unshielded</li> <li>• ISDN-capable</li> </ul>	<b>5TG2417 5TG2406</b>														
<p>Versions</p> <ul style="list-style-type: none"> <li>• 1 x 8-pole</li> <li>• 2 x 8-pole (8/8)</li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th></th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• Design / i-system / Communication</td> <td>2/23</td> </tr> <tr> <td>• Design / DELTA profil/Communication</td> <td>5/15</td> </tr> <tr> <td>• Design / DELTA style/Communication</td> <td>6/21</td> </tr> </tbody> </table>		Page (ff.)	• Design / i-system / Communication	2/23	• Design / DELTA profil/Communication	5/15	• Design / DELTA style/Communication	6/21							
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• Design / DELTA profil/Communication	5/15														
• Design / DELTA style/Communication	6/21														




Version	Order No.								
<p><b>General Information</b></p> <ul style="list-style-type: none"> <li>with inclined outlet for RJ45</li> <li>LSA terminals for one conductor 0.4 ... 0.63 mm, AWG 26 ... 22, outside diameter 0.7 ... 1.6 mm for PE, 1 core per contact, reusability min.50 times</li> <li>Suitable for PoE + (Power over Ethernet) according to IEEE 802.3at</li> </ul>									
 <p><b>UAE-Connector, real Cat.6e, shielded, Rutenbeck</b></p> <ul style="list-style-type: none"> <li>LSA plus connection method</li> <li>Cat.6/Class E according to DIN EN 60 603-7-5:2011-03, ISO/IEC 11801:2011-06 and DIN EN 50173-1:2011-09</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>UAE-connector, STP Cat.6e, Rutenbeck <ul style="list-style-type: none"> <li>1 x 8-pole</li> <li>2 x 8-pole (8/8)</li> </ul> </li> </ul>	<p><b>5TG2026-1</b> <b>5TG2026-2</b></p>								
<p>5TG2026-1</p>  <p><b>UAE-Connector, real Cat.6a, unshielded, Rutenbeck</b></p> <ul style="list-style-type: none"> <li>Cat.6/Class A according to ISO/IEC 11801:2011-06, DIN EN 50 173-1:2011-09, TIA/EIA-568-B.2-10 2008.</li> <li>UAE-connector, real UTP Cat.6a, Rutenbeck <ul style="list-style-type: none"> <li>1 x 8-pole</li> <li>2 x 8-pole (8/8)</li> </ul> </li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th></th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• Design / i-system / Communication</td> <td>2/23</td> </tr> <tr> <td>• Design / DELTA profil/Communication</td> <td>5/15</td> </tr> <tr> <td>• Design / DELTA style/Communication</td> <td>6/21</td> </tr> </tbody> </table>		Page (ff.)	• Design / i-system / Communication	2/23	• Design / DELTA profil/Communication	5/15	• Design / DELTA style/Communication	6/21	<p><b>5TG2027-1</b> <b>5TG2027-2</b></p>
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• Design / DELTA profil/Communication	5/15								
• Design / DELTA style/Communication	6/21								
<p>5TG2027-1</p>  <p><b>Modular Jack support plates, red insert</b></p> <ul style="list-style-type: none"> <li>Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>For screw fixing</li> <li>Mountable Jacks: <ul style="list-style-type: none"> <li>AMP/Tyco: <ul style="list-style-type: none"> <li>216000-2</li> <li>216005-4</li> </ul> </li> <li>Krone: <ul style="list-style-type: none"> <li>MT-RJ socket 7023.1.303-xx</li> <li>Cat.6 socket STP 6830.1.312-xx</li> <li>Cat.6 socket UTP 6830.1.302-xx</li> <li>Cat.6 socket UTP 6380.1.800-xx</li> <li>Cat.6 socket UTP 6380.1.810-xx</li> </ul> </li> <li>Molex KSJ-00033-02/-04</li> <li>Radiall R 280 MOD 802/803/804/805/807</li> <li>Siemon MX-K-C5-80-ND/-02 ND</li> <li>Telegärtner Cat.6 J00029A0036</li> </ul> </li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th></th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• Design / i-system / Communication</td> <td>2/23</td> </tr> <tr> <td>• Design / DELTA profil/Communication<sup>1)</sup></td> <td>5/15</td> </tr> <tr> <td>• Design / DELTA style/Communication</td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>		Page (ff.)	• Design / i-system / Communication	2/23	• Design / DELTA profil/Communication <sup>1)</sup>	5/15	• Design / DELTA style/Communication	6/21	<p><b>5TG2078</b></p>
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<p>5TG2078</p>  <p><b>Modular Jack support plates, black insert</b></p> <ul style="list-style-type: none"> <li>Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>For screw fixing</li> <li>Mountable Jacks: <ul style="list-style-type: none"> <li>Leviton Type 41 108, Cat.5</li> <li>Panduit Keystone: <ul style="list-style-type: none"> <li>KJ 688 Txx, Cat.6</li> <li>KJ 5e88 Txx,Cat.5e</li> </ul> </li> <li>Brand Rex GPC Jack F01 3LF</li> </ul> </li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th></th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• Design / i-system / Communication</td> <td>2/23</td> </tr> <tr> <td>• Design / DELTA profil/Communication<sup>1)</sup></td> <td>5/15</td> </tr> <tr> <td>• Design / DELTA style/Communication</td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>		Page (ff.)	• Design / i-system / Communication	2/23	• Design / DELTA profil/Communication <sup>1)</sup>	5/15	• Design / DELTA style/Communication	6/21	<p><b>5TG2080</b></p>
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• Design / DELTA style/Communication	6/21								
<p>5TG2080</p>									

## Data and Communication Systems


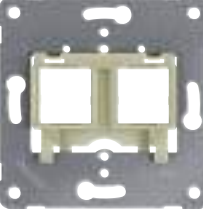
## Inserts




	Version	Order No.								
	<p><b>Modular Jack support plates, yellow insert</b></p> <ul style="list-style-type: none"> <li>• Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>• For screw fixing</li> <li>• Mountable Jacks: <ul style="list-style-type: none"> <li>- AMP/Tyco: <ul style="list-style-type: none"> <li>406372-x Cat.5</li> <li>1116515-1 Cat.5e</li> <li>1339015-1 Cat.5e</li> <li>1375055-x Cat.6</li> <li>1375187-x Cat.6</li> <li>137188-1 Cat.6</li> <li>1375189-1 Cat.5e</li> <li>1375190-x Cat.5e</li> <li>137191-x Cat.5e</li> <li>1375192-x Cat.3 RJ11</li> <li>1375193-x Cat.3 RJ11</li> <li>1116604-x Cat.5e</li> <li>1339189-x Cat.5e</li> <li>188650-3 ... 6</li> <li>338038-1 ... 4</li> <li>1711342-1</li> <li>MTRJ127841-1</li> <li>MTRJ127842-1</li> </ul> </li> <li>- ASYCO Cat.5e/6 SFTP</li> <li>- Kerpen E-Line 600 GG45 Cat.6 Keystone clip Nr. 9ZE20009</li> <li>- Nexans LENmark-MJ with Keystone clip N429.620</li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication<sup>1)</sup></i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21	5TG2081
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• <i>Design / DELTA style/Communication</i>	6/21									
	<p><b>Modular Jack support plates, orange insert</b></p> <ul style="list-style-type: none"> <li>• Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>• For screw fixing</li> <li>• Mountable Jacks: <ul style="list-style-type: none"> <li>- Setec: <ul style="list-style-type: none"> <li>SeSix 501244</li> <li>UKJ 501292</li> </ul> </li> <li>- Rutenbeck 13900 300</li> <li>- MMC: <ul style="list-style-type: none"> <li>MK 6 NB</li> <li>MK 6 AN</li> <li>MK 6 FS</li> </ul> </li> <li>- DANCHIEF 568 A/B, Cat.5</li> <li>- Radial R280 MOD 809 and MOD 811</li> <li>- Hubbel HXJ 5 EBU and UTP</li> <li>- BTR UTP 130 A 10 I</li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication<sup>1)</sup></i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21	5TG2082
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• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15									
• <i>Design / DELTA style/Communication</i>	6/21									
	<p><b>Modular Jack support plates, blue insert</b></p> <ul style="list-style-type: none"> <li>• Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>• For screw fixing</li> <li>• Mountable Jacks: <ul style="list-style-type: none"> <li>- Krone: <ul style="list-style-type: none"> <li>Cat.5 socket STP 6540.1.154.xx</li> <li>UTP 6540.1.130.xx</li> <li>UTP 6540.1.100.xx</li> </ul> </li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication<sup>1)</sup></i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21	5TG2083
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• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15									
• <i>Design / DELTA style/Communication</i>	6/21									

	Version	Order No.								
	<p><b>Modular Jack support plates, brown insert</b></p> <ul style="list-style-type: none"> <li>• Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>• For screw fixing</li> <li>• Mountable Jacks: Siemon MX6-FS</li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication<sup>1)</sup></i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21	5TG2084
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• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15									
• <i>Design / DELTA style/Communication</i>	6/21									
	<p><b>Modular Jack support plates, green insert</b></p> <ul style="list-style-type: none"> <li>• Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>• For screw fixing</li> <li>• Mountable Jacks: <ul style="list-style-type: none"> <li>- AVAYA Anixter Systimax (Lucent Techn.): <ul style="list-style-type: none"> <li>M11...en M100 (uitloop)</li> <li>MPS100E Cat.5</li> <li>MPS200E + MGS 400 Cat.6</li> </ul> </li> <li>- Gigaspeed: <ul style="list-style-type: none"> <li>X10D MGS500</li> <li>X10D MFP520</li> </ul> </li> <li>- R&amp;M: <ul style="list-style-type: none"> <li>R30511, -2, -3 and -4 with adapter 310694</li> </ul> </li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication<sup>1)</sup></i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21	5TG2058
For tops see section	Page (ff.)									
• <i>Design / i-system / Communication</i>	2/23									
• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15									
• <i>Design / DELTA style/Communication</i>	6/21									
	<p><b>Modular Jack support plates, transparent insert</b></p> <ul style="list-style-type: none"> <li>• Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>• For screw Fixing</li> <li>• Mountable Jacks <ul style="list-style-type: none"> <li>- AMP/tyco Type-Nr. 216811-1</li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication<sup>1)</sup></i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21	5TG2058-1
For tops see section	Page (ff.)									
• <i>Design / i-system / Communication</i>	2/23									
• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15									
• <i>Design / DELTA style/Communication</i>	6/21									
	<p><b>Modular Jack support plates, white insert</b></p> <ul style="list-style-type: none"> <li>• Modular Jack plug-in connectors</li> <li>• For screw Fixing</li> <li>• Mountable Jacks: <ul style="list-style-type: none"> <li>- NORDIX/CDT 061110 AO 405302 + 3</li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication<sup>1)</sup></i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21	5TG2058-2
For tops see section	Page (ff.)									
• <i>Design / i-system / Communication</i>	2/23									
• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15									
• <i>Design / DELTA style/Communication</i>	6/21									
	<p><b>Modular Jack support plates, transparent grey insert</b></p> <ul style="list-style-type: none"> <li>• Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>• For screw Fixing</li> <li>• Mountable Jacks: <ul style="list-style-type: none"> <li>- Lexel LexCom 125 + 250 mit Montagerahmen 306580009</li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication<sup>1)</sup></i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21	5TG2058-3
For tops see section	Page (ff.)									
• <i>Design / i-system / Communication</i>	2/23									
• <i>Design / DELTA profil/Communication<sup>1)</sup></i>	5/15									
• <i>Design / DELTA style/Communication</i>	6/21									

## Data and Communication Systems



## Inserts

	Version	Order No.								
 <p>5TG2058-4</p>	<p><b>Modular Jack support plates, silber insert</b></p> <ul style="list-style-type: none"> <li>• Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>• For screw Fixing</li> <li>• Mountable Jacks: <ul style="list-style-type: none"> <li>- 3 M 05-753-212 00 Cat.6A m.S. shielded VOL-OCK6-SE8, VOL-OCK6A-SE8, VOL-OCK6ASN8 43096-746 00, 43096-747 00</li> <li>- Daetwyler KS-TS 6 418054, KS-T 6 418055, KS-T 6A 418060 KS-T Plus 6A 418061, Unilan KU-T 1/8 418070/1/2/3 MS-K 1/8 440001/04 Cat.6 m.S. shielded</li> <li>- LEVITON C6a + QP shielded</li> <li>- R &amp; M R509508 und -9 cat6A m.S. R813512 und -514 cat6A ELS</li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• Design / i-system / Communication</td> <td>2/23</td> </tr> <tr> <td>• Design / DELTA profil/Communication<sup>1)</sup></td> <td>5/15</td> </tr> <tr> <td>• Design / DELTA style/Communication</td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• Design / i-system / Communication	2/23	• Design / DELTA profil/Communication <sup>1)</sup>	5/15	• Design / DELTA style/Communication	6/21	5TG2058-4
For tops see section	Page (ff.)									
• Design / i-system / Communication	2/23									
• Design / DELTA profil/Communication <sup>1)</sup>	5/15									
• Design / DELTA style/Communication	6/21									
 <p>5TG2098</p>	<p><b>Modular Jack support plates, beige insert</b></p> <ul style="list-style-type: none"> <li>• Support plate with colored inserts for accommodating up to two Modular Jack plug-in connectors</li> <li>• For screw fixing</li> <li>• Mountable Jacks: <ul style="list-style-type: none"> <li>- BTR: E-DAT module No.130910-I</li> <li>- Daetwyler: Unilan MS 1/8 Cat.6 (equivalent to BTR jack)</li> </ul> </li> </ul> <table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• Design / i-system / Communication</td> <td>2/23</td> </tr> <tr> <td>• Design / DELTA profil/Communication<sup>1)</sup></td> <td>5/15</td> </tr> <tr> <td>• Design / DELTA style/Communication</td> <td>6/21</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• Design / i-system / Communication	2/23	• Design / DELTA profil/Communication <sup>1)</sup>	5/15	• Design / DELTA style/Communication	6/21	5TG2098
For tops see section	Page (ff.)									
• Design / i-system / Communication	2/23									
• Design / DELTA profil/Communication <sup>1)</sup>	5/15									
• Design / DELTA style/Communication	6/21									




Version	Order No.							
<b>Multimedia connectors</b>								
	<p><b>Connector HDMI</b></p> <ul style="list-style-type: none"> <li>The HDMI adapter enables the transmission of high-resolution digital audio and video, e.g. from a DVD / Blue-Ray player to an LED TV screen.</li> <li>HDMI Type A standard or high speed supported</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>Connector HDMI, white</li> <li>Connector HDMI, grey</li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication</i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table>	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication</i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21
Page (ff.)								
• <i>Design / i-system / Communication</i>	2/23							
• <i>Design / DELTA profil/Communication</i>	5/15							
• <i>Design / DELTA style/Communication</i>	6/21							
5TG2020-0	<p>5TG2020-0</p> <p>5TG2020-1</p>							
	<p><b>Connector VGA</b></p> <ul style="list-style-type: none"> <li>The VGA adapter enables the transmission of analogue video data between PCs or laptops and display units such as monitors.</li> <li>Full HD-compatible (1920 x 1080 pixel) and suitable for the connection of 15-core VGA cables.</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>Connector VGA, white</li> <li>Connector VGA, grey</li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication</i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table>	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication</i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21
Page (ff.)								
• <i>Design / i-system / Communication</i>	2/23							
• <i>Design / DELTA profil/Communication</i>	5/15							
• <i>Design / DELTA style/Communication</i>	6/21							
5TG2021-0	<p>5TG2021-0</p> <p>5TG2021-1</p>							
	<p><b>Connector USB</b></p> <ul style="list-style-type: none"> <li>The USB adapter enables data interconnection of various devices with USB connectors such as printers, USB sticks, digital cameras, laptops or LED TV screens.</li> <li>USB socket Type A, USB 2.0-compatible</li> </ul> <p>Versions</p> <ul style="list-style-type: none"> <li>Connector USB, white</li> <li>Connector USB, grey</li> </ul> <p>For tops see section</p> <table border="1"> <thead> <tr> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>Design / i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>Design / DELTA profil/Communication</i></td> <td>5/15</td> </tr> <tr> <td>• <i>Design / DELTA style/Communication</i></td> <td>6/21</td> </tr> </tbody> </table>	Page (ff.)	• <i>Design / i-system / Communication</i>	2/23	• <i>Design / DELTA profil/Communication</i>	5/15	• <i>Design / DELTA style/Communication</i>	6/21
Page (ff.)								
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• <i>Design / DELTA profil/Communication</i>	5/15							
• <i>Design / DELTA style/Communication</i>	6/21							
5TG2022-0	<p>5TG2022-0</p> <p>5TG2022-1</p>							

## Data and Communication Systems

## Chargers

Version	Order No.											
<b>Charger</b>												
	<p><b>Double USB Charger</b></p> <p>The DELTA double USB charger is suitable for portable electronic devices connected via USB 2.0 type A plugs. The charging unit can be easily installed in standard flush-mounting European sockets and provides you with two USB charging boxes. This double USB charger is suitable for I-system, DELTA profil and DELTA style ranges.</p> <ul style="list-style-type: none"> <li>• Input rated voltage: 100 ÷ 240VAC</li> <li>• Nominal frequency: 50/60 Hz</li> <li>• Output rated voltage: 5VDC</li> <li>• DC output: 2 x USB type A female</li> <li>• Maximum output current: 2100 mA (using one USB)</li> </ul>	<p><b>5TG2025-2</b></p>										
5TG2025-2	<table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>DELTA profil/Communication</i><sup>1)</sup></td> <td>5/15</td> </tr> <tr> <td>• <i>DELTA style/Communication</i></td> <td>6/21</td> </tr> <tr> <td>• <i>DELTA style/Chargers</i></td> <td>6/14</td> </tr> </tbody> </table> <p>Note</p> <p><sup>1)</sup> Cutout frames necessary.</p>	For tops see section	Page (ff.)	• <i>i-system / Communication</i>	2/23	• <i>DELTA profil/Communication</i> <sup>1)</sup>	5/15	• <i>DELTA style/Communication</i>	6/21	• <i>DELTA style/Chargers</i>	6/14	
For tops see section	Page (ff.)											
• <i>i-system / Communication</i>	2/23											
• <i>DELTA profil/Communication</i> <sup>1)</sup>	5/15											
• <i>DELTA style/Communication</i>	6/21											
• <i>DELTA style/Chargers</i>	6/14											
	<p><b>Double USB Charger <span style="color: orange;">NEW</span></b></p> <p>The DELTA double USB charger is suitable for portable electronic devices connected via USB 2.0 type A plugs. The charging unit can be easily installed in standard flush-mounting European boxes and provides you with two USB charging boxes. This double USB charger is suitable for i-system and DELTA style ranges.</p> <ul style="list-style-type: none"> <li>• Input rated voltage: 100 - 250VAC</li> <li>• Nominal frequency: 50/60 Hz</li> <li>• Output rated voltage: 5VDC</li> <li>• DC output: 2 x USB type A female</li> <li>• Output current: 1x2100mA 2x1050mA</li> </ul>	<p><b>5TG2025-3</b></p>										
5TG2025-3	<table border="1"> <thead> <tr> <th>For tops see section</th> <th>Page (ff.)</th> </tr> </thead> <tbody> <tr> <td>• <i>i-system / Communication</i></td> <td>2/23</td> </tr> <tr> <td>• <i>DELTA style/Communication</i></td> <td>6/21</td> </tr> <tr> <td>• <i>DELTA style/Chargers</i></td> <td>6/14</td> </tr> </tbody> </table>	For tops see section	Page (ff.)	• <i>i-system / Communication</i>	2/23	• <i>DELTA style/Communication</i>	6/21	• <i>DELTA style/Chargers</i>	6/14			
For tops see section	Page (ff.)											
• <i>i-system / Communication</i>	2/23											
• <i>DELTA style/Communication</i>	6/21											
• <i>DELTA style/Chargers</i>	6/14											


## Selection and ordering data

Version		Order No.
<b>General information</b>		
Note	Section	Page
Technical specifications for UAE outlet boxes, see ...	<i>Technical Information / Communication / UAE outlet boxes</i>	16/48
<b>Cover plates, for BNC connection, double</b>		
<ul style="list-style-type: none"> <li>• In i-system design</li> <li>• With socket contacts</li> <li>• For screw and claw fixing</li> <li>• Crimp connection</li> <li>• 75 Ω</li> </ul>		
Versions		
<ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Electrical white (RAL 1013)</li> </ul>		
		<b>5TG2068</b> <b>5TG2067</b>
5TG2068		
<b>Loudspeaker outlet boxes, single</b>		
<ul style="list-style-type: none"> <li>• Loudspeaker outlet box with plug-in terminals (with screw terminals at rear)</li> <li>• Polarity color coded</li> <li>• Also suitable as outlet box for protective extra-low voltages</li> </ul>		
For tops see section		Page (ff.)
• <i>Design / i-system / Communication</i>		2/23
• <i>Design / DELTA profil/Communication</i>		5/15
• <i>Design / DELTA style/Communication</i>		6/21
Technical specifications		
<ul style="list-style-type: none"> <li>• Rear screw terminals <ul style="list-style-type: none"> <li>- Solid Cu conductor 10 mm<sup>2</sup></li> <li>- Flexible conductor with end sleeve 6 mm<sup>2</sup></li> </ul> </li> <li>• Front terminal <ul style="list-style-type: none"> <li>- Flexible Cu conductor without end sleeve 6 mm<sup>2</sup></li> <li>- Highly flexible Cu conductor without end sleeve 4 mm<sup>2</sup></li> </ul> </li> <li>• Rated voltage 25 V AC, 60 V DC</li> </ul>		
		<b>5TG2467-2</b>
5TG2467-2		
<b>Loudspeaker outlet boxes, double</b>		
<ul style="list-style-type: none"> <li>• Stereo loudspeaker outlet box with plug-in terminals (with screw terminals at rear)</li> <li>• Polarity color coded</li> <li>• Also suitable as outlet box for protective extra-low voltages</li> </ul>		
For tops see section		Page (ff.)
• <i>Design / i-system / Communication</i>		2/23
• <i>Design / DELTA profil/Communication</i>		5/15
• <i>Design / DELTA style/Communication</i>		6/21
Technical specifications		
<ul style="list-style-type: none"> <li>• Rear screw terminals <ul style="list-style-type: none"> <li>- Solid Cu conductor 10 mm<sup>2</sup></li> <li>- Flexible conductor with end sleeve 6 mm<sup>2</sup></li> </ul> </li> <li>• Front terminal <ul style="list-style-type: none"> <li>- Flexible Cu conductor without end sleeve 6 mm<sup>2</sup></li> <li>- Highly flexible Cu conductor without end sleeve 4 mm<sup>2</sup></li> </ul> </li> <li>• Rated voltage 25 V AC, 60 V DC</li> </ul>		
		<b>5TG2468-2</b>
5TG2468-2		

## Data and Communication Systems



### Complete assemblies

#### Selection and ordering data

	Version	Order No.
	<p><b>Flush-mounting radios</b></p> <ul style="list-style-type: none"> <li>• For horizontal and vertical mounting</li> <li>• Degree of protection: IP20</li> <li>• 230 V / 50 Hz</li> <li>• Anti-slip terminals up to 2.5 mm<sup>2</sup></li> <li>• Not suitable for installation in multiple frames (triple to quintuple)</li> <li>• For installation in two flush-mounting boxes (i.e. instead of the original double socket outlet)</li> </ul>	
5TC1060	<p>Versions</p> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> </ul>	<b>5TC1060</b>
	<p>Note</p> <p>Download the operating and mounting instructions from:  <a href="http://support.automation.siemens.com/ww/view/en/5tc1060/all">http://support.automation.siemens.com/ww/view/en/5tc1060/all</a></p>	
	<p>Product features</p> <ul style="list-style-type: none"> <li>• Can be mounted either horizontally or vertically due to rotating display module</li> <li>• Six freely programmable transmitter memories</li> <li>• Illuminated display (can be adjusted separately for ON/OFF mode)</li> <li>• Display of transmitter name over RDS signal</li> <li>• Display of time</li> <li>• Radio alarm clock with display of alarm time, if activated</li> <li>• Sleep timer (automatic switch-off after user-defined time)</li> <li>• Good sound quality due to high-quality loudspeaker</li> <li>• Secondary mode possible over motion detector</li> <li>• Secondary mode possible through use of pushbuttons or switches</li> </ul>	



## Selection and ordering data

Version	Order No.									
<b>General information</b>										
<b>Note</b> All the modules shown here can be combined with the module carriers of the DELTA line, DELTA miro, DELTA profil product ranges.										
 5TG9874-1TW	<b>UAE outlet boxes, Cat.3</b> <ul style="list-style-type: none"> <li>• Telephone socket outlet for modular system</li> <li>• Cat.3 RJ11/12 with shutter</li> <li>• LSA-Plus connection method</li> <li>• Can only be used with module carrier, 1M or 2M</li> </ul>									
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Aluminum metallic/silver (similar to RAL 9006)</li> <li>• Carbon metallic/anthracite (similar to RAL 7016)</li> </ul>									
	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• For module carriers for DELTA line, and DELTA miro, see ...</td> <td><i>Design / m-system / Module carriers for DELTA line and DELTA miro</i></td> <td>7/4</td> </tr> <tr> <td>• Module carriers for DELTA profil, see ...</td> <td><i>Design / m-system / Module carriers for DELTA profil</i></td> <td>7/5</td> </tr> </tbody> </table>	Note	Section	Page	• For module carriers for DELTA line, and DELTA miro, see ...	<i>Design / m-system / Module carriers for DELTA line and DELTA miro</i>	7/4	• Module carriers for DELTA profil, see ...	<i>Design / m-system / Module carriers for DELTA profil</i>	7/5
	Note	Section	Page							
• For module carriers for DELTA line, and DELTA miro, see ...	<i>Design / m-system / Module carriers for DELTA line and DELTA miro</i>	7/4								
• Module carriers for DELTA profil, see ...	<i>Design / m-system / Module carriers for DELTA profil</i>	7/5								
<b>5TG9874-1TW</b> <b>5TG9874-1AM</b> <b>5TG9874-1CM</b>										
 5TG9874-2TW	<b>UAE outlet boxes, Cat.5</b> <ul style="list-style-type: none"> <li>• PC socket outlet for modular system</li> <li>• Cat.5 RJ45 with shutter</li> <li>• LSA-Plus connection method</li> <li>• Can only be used with module carrier, 1M or 2M</li> <li>• Titanium white (similar to RAL 9010)</li> </ul>									
	<b>Versions</b> <ul style="list-style-type: none"> <li>• Titanium white (similar to RAL 9010)</li> <li>• Aluminum metallic/silver (similar to RAL 9006)</li> <li>• Carbon metallic/anthracite (similar to RAL 7016)</li> </ul>									
	<table border="1"> <thead> <tr> <th>Note</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>• For module carriers for DELTA line and DELTA miro, see ...</td> <td><i>Design / m-system / Module carriers for DELTA line and DELTA miro</i></td> <td>7/4</td> </tr> <tr> <td>• Module carriers for DELTA profil, see ...</td> <td><i>Design / m-system / Module carriers for DELTA profil</i></td> <td>7/5</td> </tr> </tbody> </table>	Note	Section	Page	• For module carriers for DELTA line and DELTA miro, see ...	<i>Design / m-system / Module carriers for DELTA line and DELTA miro</i>	7/4	• Module carriers for DELTA profil, see ...	<i>Design / m-system / Module carriers for DELTA profil</i>	7/5
	Note	Section	Page							
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• Module carriers for DELTA profil, see ...	<i>Design / m-system / Module carriers for DELTA profil</i>	7/5								
<b>5TG9874-2TW</b> <b>5TG9874-2AM</b> <b>5TG9874-2CM</b>										

## Data and Communication Systems

### Notes

13

## Smoke detectors





14/2

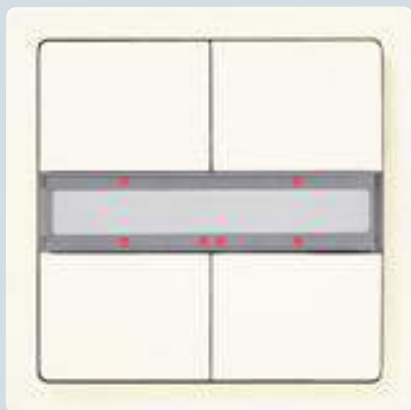
Smoke detectors

## Smoke Detectors

## Smoke Detectors

## Selection and ordering data

Version		Order No.																
 <p>5TC1296</p>	<p><b>DELTA reflex SD230N smoke detectors</b></p> <ul style="list-style-type: none"> <li>• 230 V-operated smoke detector incl. 9 V backup battery with VdS certification (suitable for networking)</li> <li>• The smoke detector detects smoke from fires and gives early warning.</li> <li>• 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</li> <li>• Battery change display for 30 days</li> <li>• Battery compartment check</li> <li>• Test button for function test</li> <li>• Titanium white (similar to RAL 9010)</li> </ul> <p><b>Technical specifications</b></p> <table border="1"> <tr> <td>• Power supply</td> <td>230 V AC and 9 V alkaline backup battery (included in delivery)</td> </tr> <tr> <td>• Networking</td> <td>Up to 38 smoke detectors of the same type</td> </tr> <tr> <td>• Signaling</td> <td>Acoustic signal transducer: horn &gt; 85 dB(A) Optical indicator: red LED</td> </tr> <tr> <td>• Temperature range</td> <td>0 .... +50 °C</td> </tr> <tr> <td>• Dimensions (Ø x H)</td> <td>111 mm x 40 mm</td> </tr> <tr> <td>• Mounting</td> <td>Surface mounting with or without surface-mounting box (see accessories)</td> </tr> <tr> <td>• Degree of protection</td> <td>IP20</td> </tr> <tr> <td>• Approvals</td> <td>VdS certification acc. to EN 14604 10/05</td> </tr> </table>	• 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	5TC1296
• Power supply	230 V AC and 9 V alkaline backup battery (included in delivery)																	
• Networking	Up to 38 smoke detectors of the same type																	
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• 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																	
 <p>5TC1297</p>	<p><b>Outlet boxes for "DELTA reflex SD230N smoke detectors"</b></p> <ul style="list-style-type: none"> <li>• Surface-mounting box for SD230N smoke detector</li> <li>• Dimensions: 93 mm x 27 mm</li> <li>• The outlet box is required if no flush-mounting box to hold the 230 V connector is provided</li> <li>• Titanium white (similar to RAL 9010)</li> </ul>	5TC1297																



15/2	<b>Introduction</b>
	<b>Display and control units</b>
15/5	Bus coupling unit (BTM) button
15/7	Multifunction devices
	<b>Output devices</b>
15/8	Binary output devices
	<b>Solar protection, glare protection, use of daylight</b>
15/9	Glare/solar protection actuators
	<b>Input devices</b>
15/10	Binary input devices
	<b>Lighting</b>
15/11	Dimmer
	<b>Physical sensors</b>
15/12	Temperature, humidity, air quality

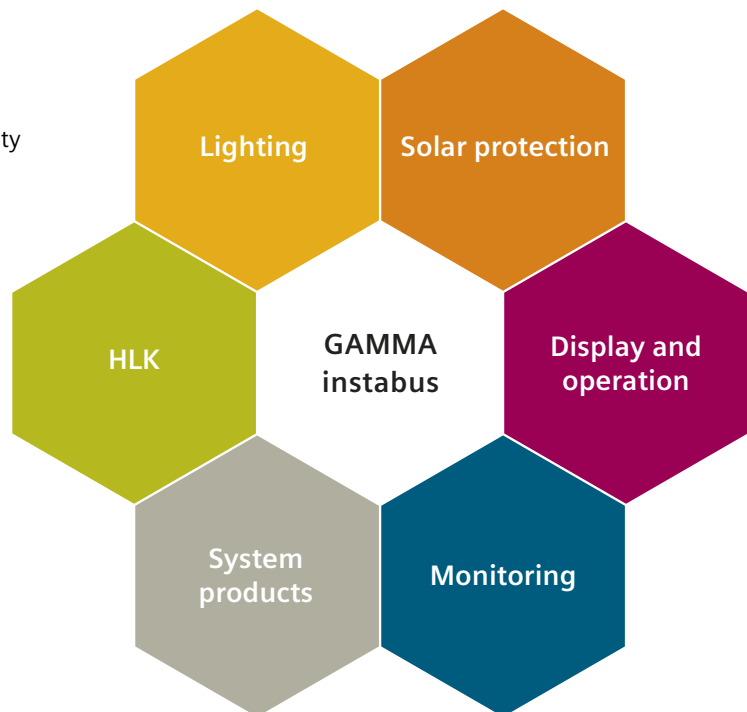
# Building Control GAMMA instabus

## Energy-efficient room and building automation



### Building control

GAMMA instabus from Siemens is based on the worldwide KNX standard for home and building control, which guarantees interoperability with all certified KNX devices on the market. The comprehensive product portfolio includes intelligent devices and allows networking applications. GAMMA instabus offers products for lighting and sun protection, in addition to heating, ventilation and air conditioning. GAMMA instabus and Synco primary control allows to obtain efficiency class A in buildings in compliance with energy efficiency standard EN 15232 or other standards. A vendor- and product-independent commissioning software (ETS) and products adapted to several commissioning standards (IEC and UL/NEMA) ensure worldwide use. Life cycle costs are kept low when GAMMA instabus is installed in a building.



#### Lighting

In terms of lighting, the GAMMA instabus product portfolio offers compact KNX/DALI

gateways, as well as LED dimmers. The many sensors detect presence, movement and control light intensity.



#### Solar protection

To regulate the sun intensity and door or window contacts, the GAMMA instabus

product portfolio includes corresponding sunblind actuators and weather control centres to measure light, temperature, wind and rain.



#### Display and operation

The GAMMA instabus product portfolio offers numerous variants for

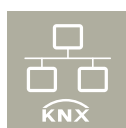
displaying and operating lighting, shading and HVAC: from simple buttons and room-based thermostats to multifunctional room control units and web-based systems.



#### Heating, ventilation, and air conditioning (HVAC)

For heating, ventilation and air conditioning

(HVAC) in rooms and buildings, the GAMMA instabus product portfolio offers room temperature controllers, thermal actuators and general actuators.



#### System products

GAMMA instabus system products such as power supplies, IP routers, backbone

couplers, gateways, automation controllers or modular actuators are available for different commissioning standards (IEC and UL/NEMA).



#### Monitoring

In terms of monitoring, electrical energy and power, heat values, water, gas and oil

consumption are recorded, compared and evaluated using several curve or bar charts.

## Tools and apps

### GAMMA-TD

The GAMMA-TD website displays technical product data and descriptions on all KNX products from Siemens. The website allows users to download operating and assembly instructions, as well as descriptions of the app programmes, product databases, technical product data, specifications and CE certificates. It also includes additional software (Firmware Download Tool, etc.), drawing schematics (eplan, DXF, DWG) and a wealth of information to effectively plan, commission and operate of KNX products.



siemens.de/  
gamma-td



### ETS – Engineering Tool Software

ETS stands for Engineering Tool Software and is the only open worldwide standard for home and building control. As a vendor-independent commissioning tool, the ETS software offers an intelligent home and building control system based on KNX. It runs on Windows®-based systems and is managed by the KNX Association. The project documentation is always fully available since it is used to commission all KNX products.



knx.org



### ETS Inside

ETS Inside is a tool-based software from the KNX Association and allows to customise functions in each company. All GAMMA instabus products that do not use an ETS plug-in can be commissioned with ETS Inside. A list of all available GAMMA and HVAC products can be found on the GAMMA-TD website under ETS Inside Information. (siemens.de/gamma-td)



etsinside.  
knx.org



### ETS apps

Some users need additional functions when using KNX. With ETS apps, users can set up creative ideas to make their automation project even more attractive. ETS apps offer unlimited possibilities and are compatible with the entire KNX system. ETS owners who require extra features only need to download, install and license the apps to use the extra features.



siemens.de/  
ets-apps



### HIT-Portal

The HIT Portal makes the search for the right products for designing HVAC plants easier and less time-consuming. It offers a library with more than 300 preconfigured HVAC applications for standard controllers, classified by the possible energy savings according to EN 15232. The user can select the application that comes closest to the desired efficiency class. In addition, specifications include a plant diagram, list of material, technical documentation for each device, as well as pricing.

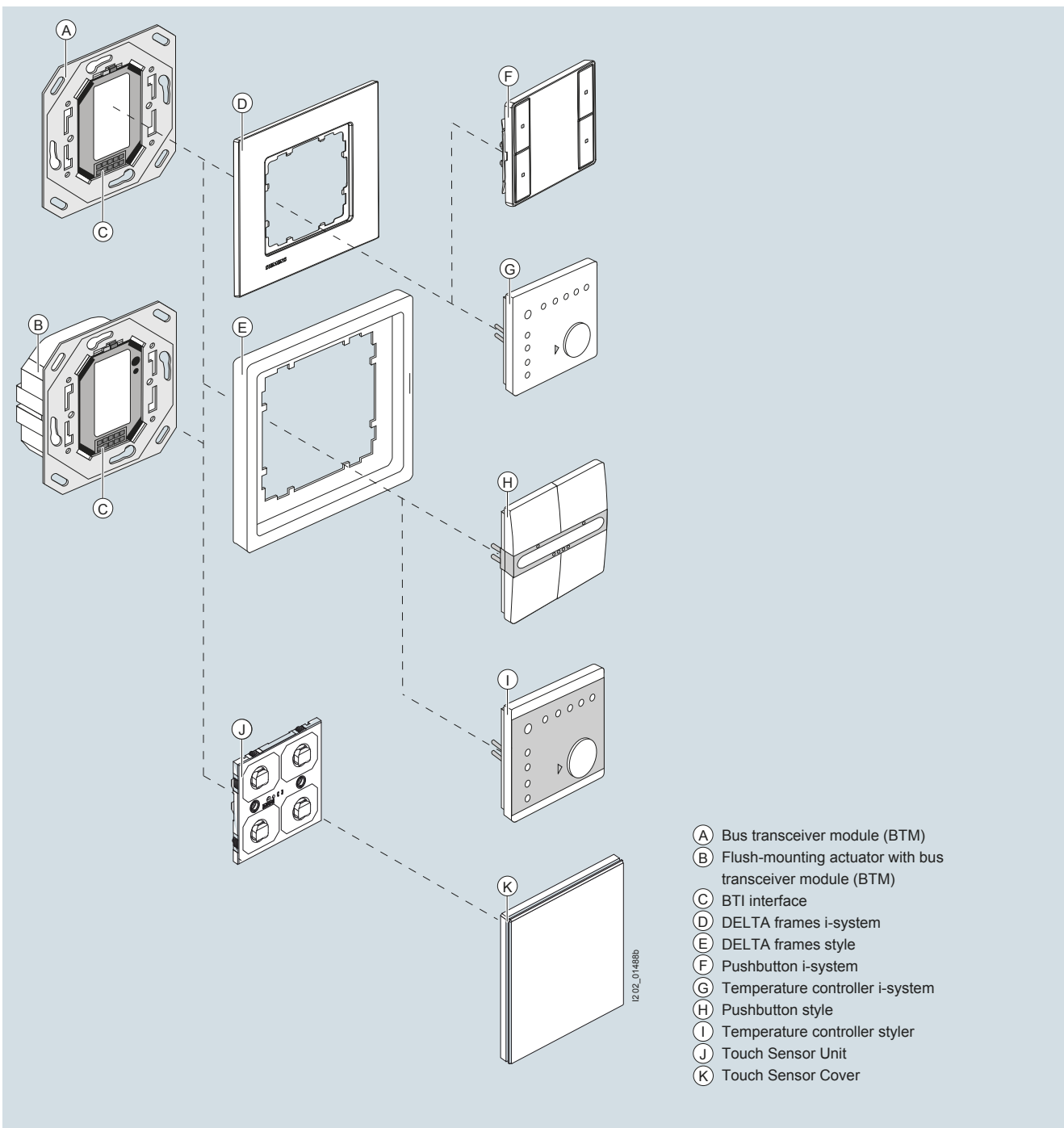


siemens.de/hit



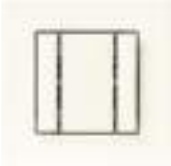
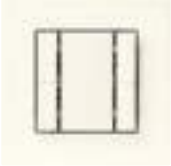
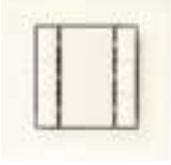

# GAMMA Building Systems Technology

## Introduction





**Selection and ordering data**

Version	Order No.
<b>i-system</b>	
<p><b>Pushbutton, i-system</b></p> <ul style="list-style-type: none"> <li>• Push button in pair</li> <li>• Horizontal operation</li> <li>• Per push button selectable function</li> <li>• LED for orientation light</li> <li>• Labeling field</li> <li>• Connectable bus coupling unit (BTM) or flush-mounted actuators via BTI</li> </ul> <p><b>Pushbutton UP 221/3</b></p> <p>1- fold, with status LED</p> <ul style="list-style-type: none"> <li>• titan white (similar RAL 9010)</li> <li>• aluminium metallic</li> </ul>  <p>5WG1221-2DB13</p>	<p>5WG1221-2DB13 5WG1221-2DB33</p>
<p><b>Pushbutton UP 222/3</b></p> <p>2-fold, with status LED</p> <ul style="list-style-type: none"> <li>• titan white (similar RAL 9010)</li> <li>• aluminium metallic</li> </ul>  <p>5WG1222-2DB13</p>	<p>5WG1222-2DB13 5WG1222-2DB33</p>
<p><b>Pushbutton UP 223/3</b></p> <p>3-fold, with status LED</p> <ul style="list-style-type: none"> <li>• titan white (similar RAL 9010)</li> <li>• aluminium metallic</li> </ul>  <p>5WG1223-2DB13</p>	<p>5WG1223-2DB13 5WG1223-2DB33</p>
<b>Component</b>	
<p><b>Bus coupling UP 117/12</b></p> <ul style="list-style-type: none"> <li>• Bus transceiver modules, mounting depth 18 mm UP 117/12</li> <li>• For connection of a modular bus device to the bus line</li> <li>• 10-pole BTI socket (BTI - Bus Transceiver Interface) for plugging of bus terminal devices with BTI connector</li> <li>• For installation in flush-mounting switch and socket boxes with Ø 60 mm in diameter 40 mm deep</li> <li>• Screw fixing</li> <li>• Bus connection via bus terminal</li> </ul>  <p>5WG1117-2AB12</p>	<p>5WG1117-2AB12</p>

**Note:**

The bus coupling unit (BTM) or flush-mounted actuator system with bus coupling unit (BTM) must be ordered separately.





The associated design frame must be ordered separately.

Further information can be found on the website:  
[siemens.com/gamma-td](http://siemens.com/gamma-td)

## GAMMA Building Systems Technology

### Display and control units

#### Bus coupling unit (BTM) button

Version	Order No.
<b>DELTA style</b>	
<p><b>Pushbutton, DELTA style</b></p> <ul style="list-style-type: none"> <li>• Vertical operation</li> <li>• Per pushbutton selectable function</li> <li>• LED for orientation light</li> <li>• Labeling field</li> <li>• Connectable bus coupling unit (BTM) or flush-mounted actuators via BTI</li> </ul> <p><b>Pushbutton UP 285/3</b></p> <p>1-fold, with status LED</p> <ul style="list-style-type: none"> <li>• titan white (similar RAL 9010)</li> <li>• platin metallic</li> </ul>  <p>5WG1285-2DB13</p>	<p><b>5WG1285-2DB13</b> <b>5WG1285-2DB43</b></p>
<p><b>Pushbutton UP 286/3</b></p> <p>2-fold, with status LED</p> <ul style="list-style-type: none"> <li>• titan white (similar RAL 9010)</li> <li>• platin metallic</li> </ul>  <p>5WG1286-2DB13</p>	<p><b>5WG1286-2DB13</b> <b>5WG1286-2DB43</b></p>
<p><b>Pushbutton UP 287/3</b></p> <p>4-fold, with status LED</p> <ul style="list-style-type: none"> <li>• titan white (similar RAL 9010)</li> <li>• platin metallic</li> </ul>  <p>5WG1287-2DB13</p>	<p><b>5WG1287-2DB13</b> <b>5WG1287-2DB43</b></p>
<b>Component</b>	
<p><b>Bus coupling UP 117/12</b></p> <ul style="list-style-type: none"> <li>• Bus transceiver modules, mounting depth 18 mm UP 117/12</li> <li>• For connection of a modular bus device to the bus line</li> <li>• 10-pole BTI socket (BTI - Bus Transceiver Interface) for plugging of bus terminal devices with BTI connector</li> <li>• For installation in flush-mounting switch and socket boxes with Ø 60 mm in diameter 40 mm deep</li> <li>• Screw fixing</li> <li>• Bus connection via bus terminal</li> </ul>  <p>5WG1117-2AB12</p>	<p><b>5WG1117-2AB12</b></p>

Note:


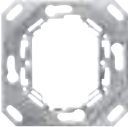
The bus coupling unit (BTM) or flush-mounted actuator system with bus coupling unit (BTM) must be ordered separately.

The associated design frame must be ordered separately.

Further information can be found on the website:

[siemens.com/gamma-td](http://siemens.com/gamma-td)

**Selection and ordering data**

Version	Order No.	
	<p><b>Room control unit UP 227 <sup>1) 2)</sup></b></p> <ul style="list-style-type: none"> <li>• titanium white</li> <li>• Multifunctional display/control unit for KNX with dot-matrix LCD display (96 x 128 pixels)</li> <li>• For displaying and operating at least 10 configurable room control functions</li> <li>• 8 touch-sensitive buttons for horizontal operation, lockable and unlockable via the KNX bus</li> <li>• Green/red LED functions as an orientation light, status indicator, of an active button or as an alarm</li> <li>• Transducer for an acoustic alarm signal or as touch feedback</li> <li>• Integrated room temperature sensor, evaluation and analysis via an external indoor temperature sensor</li> <li>• Adjustable room temperature with a two-position control and/or continuous control for a pure heating mode, pure cooling mode, or a heating and cooling mode</li> <li>• Operating modes can be switched via KNX: Comfort, pre-comfort, energy-saving and protection mode</li> <li>• Adjustable dead zone between the reference heating value and the reference cooling value for comfort mode, with a two-stage heating or cooling</li> <li>• Weekly timer programme for the controller operating modes, automatic function and a 8 or more room operation functions</li> <li>• 40 or more time-switching instructions</li> <li>• Display and date and time input</li> <li>• Integrated bus coupler, bus connection via bus terminal</li> <li>• Flush-mounted device for installation in a Ø 60 mm installation socket, with spring fastening in a separately-ordered mounting plate AQR2500NF</li> <li>• Dimensions (H x W x D): 55 x 55 x 37.2 mm</li> </ul>	<b>5WG1227-2AB11</b>
	<p><b>Component</b></p> <p><b>EU (CEE/VDE) mounting plate</b></p> <ul style="list-style-type: none"> <li>• Mounting plates to insert a front module. Dimensions (W x H): 70.8 x 70.8 mm</li> </ul>	<b>S55720-S161</b>

Note:

Further information can be found on the website:  
[siemens.com/gamma-td](http://siemens.com/gamma-td)

# GAMMA Building Systems Technology

## Output devices

### Binary output devices

#### Selection and ordering data

Version

Order No.

#### Switch actuators / Modular installation system



##### Binary output device UP 510/03

2 x AC 230 V, 10 A (ohm resistive load)

- Integrated 8-bit scene control
- Time functions: Switch-off delay, switch-on delay, time switch operation (staircase automation), night operation (wall lighting), warning signal before switching off
- Logical functions: Priority control, logic function (1 object), logic function (2 objects), invertibility per output (open/close contact)
- Transmit status over the channel
- Configurable behaviour in case of bus voltage failure/restoration
- Unchanged switch state during power failure
- Electronics' power supply via bus voltage
- Integrated bus coupler, bus connection via bus terminal
- 10-hole BTI socket for plugging bus end devices with a BTI plug

**5WG1510-2AB03**

#### Note:

Further information can be found on the website:  
[siemens.com/gamma-td](http://siemens.com/gamma-td)

## Selection and ordering data

Version

Order No.

### Glare/solar protection actuators



#### Sunblind actuator UP 520/03

1 x AC 230 V, 6 A (resistive load)

- Electrically-interlocked relays for one channel (power unit protection)
- Detection of end position
- Screwless fasteners for connecting and looping unattended cables with solid, flexible and stranded wires, 0.5 - 2.5 mm<sup>2</sup> diameter
- Electronic system operated via bus voltage
- Integrated bus coupler, bus connection via bus terminal
- For installation in flush-mounted appliance sockets with diameter 60 mm, 60 mm deep
- Configurable behaviour in case of bus voltage failure/restoration
- Automatic mode for sun tracking control
- Manual, standard operation
- Status: transmission via channel, 8-bit position for solar protection, 8-bit status position slat
- Integrated 1-bit/8-bit scene control
- 8 scenarios per channel
- Movement lock (to clean the external blinds)
- Separate up/down protection
- Alarm (wind, rain, frost): Move to safety position, block in this position until end of alarm
- Actuator channels can be configured on an individual and combined basis
- Objects and functions adaptable to the type of operation
- Suitable for integration into a sun tracking control
- Move to end position via position indicator (8-bit value), stop, step-by-step procedure for solar protection (up/down) and slats (open/close)
- 10-hole BTI socket for plugging bus end devices with a BTI plug
- Fastening with screws
- 1 channel (one UP and one DOWN)

**5WG1520-2AB03**

Note:

Further information can be found on the website:  
[siemens.com/gamma-td](http://siemens.com/gamma-td)

# GAMMA Building Systems Technology

## Input devices

### Binary input devices

#### Selection and ordering data

Version

Order No.

#### Button Interfaces

##### I/O Button Interfaces UP 220/21, UP 220D31

- Inputs/outputs, each adjustable for isolated contacts or for controlling LEDs
- Generation of the input supply voltage for isolated contacts
- For insertion in flush-mounted device sockets with  $\varnothing = 60$  mm
- Inputs with max. 10 m cable length unshielded, twisted
- Input functions: Locking of inputs via locking object, adjustable duration of long button press, adjustable contact type (open/close contact)
- Transmission parameters: adjustable cyclic transmission, adjustable transmission on bus voltage recovery
- Short/long button press available
- Switch on/off/over, send value (8/16 bit)
- Dimming with 1 button
- Group control with 1 button
- Dimming with 2 buttons with stop telegram (4 bit)
- Dimming with 2 buttons with value setting (8 bit)
- Sunblind: Sunblind control with 1 button/2 buttons
- Save and recall scenario: 8 bit, in connection with scenario module 1 bit
- Pulse count with/without limit value monitoring (8/16/32 bit)
- Electronics' power supply via bus voltage
- Integrated bus coupler, bus connection via bus terminal



##### I/O Button Interface UP 220/21

2 inputs/outputs

##### I/O Button Interface UP 220D31

4 inputs/outputs

5WG1220-2AB21

5WG1220-2DB31

Note:

Further information can be found on the website:  
[siemens.com/gamma-td](http://siemens.com/gamma-td)

## Selection and ordering data

Version

Order No.

## Universal Dimmer

**Universal Dimmer UP 525/03**

1 x AC 230 V, 10 ... 250 VA



- Electronic protection of the outputs against overload and short circuit
- 10-hole BTI socket for plugging bus end devices with a BTI plug

**5WG1525-2AB03**

# GAMMA Building Systems Technology

## Physical sensors

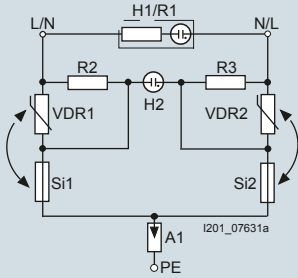
### Temperature, humidity, air quality

#### Selection and ordering data

Version	Measure	Order No.	
<b>Temperature, humidity</b>			
<b>Front module AQR253..</b>			
	<ul style="list-style-type: none"> <li>• Titanium white colour</li> <li>• Protection class IP30</li> <li>• Dimensions (W x H) 55 x 55 mm</li> </ul>		
	<b>AQR2530NNW</b>	Blank cover without measuring function	<b>S55720-S137</b>
	<b>AQR2532NNW</b>	Temperature	<b>S55720-S136</b>
	<b>AQR2535NNW</b>	Temperature, humidity	<b>S55720-S141</b>
<b>Base module AQR2570NF for the measurement of temperature and/or humidity</b>			
	<ul style="list-style-type: none"> <li>• Power supply: KNX Bus</li> <li>• Analogue inputs: Passive temperature sensor NTC 10k • analogue inputs, quanti</li> <li>• Digital inputs: Isolated contacts</li> <li>• Digital inputs, quantity: 2</li> <li>• Measuring range CO<sub>2</sub>: 0 - 5000 ppm</li> <li>• Electrical connection</li> <li>Bus connection: Spring clamp</li> <li>Sensor inputs: 4 screw fasteners</li> </ul>		
			<b>S55720-S203</b>
<b>Temperature, humidity and air quality</b>			
<b>Front modules to base modules AQR253..</b>			
	<ul style="list-style-type: none"> <li>• Titanium white colour</li> <li>• Protection class IP30</li> <li>• Dimensions (W x H) 55 x 55 mm</li> </ul>		
	<b>AQR2530NNW</b>	Blank cover without measuring function	<b>S55720-S137</b>
	<b>AQR2532NNW</b>	Temperature	<b>S55720-S136</b>
	<b>AQR2535NNW</b>	Temperature, humidity	<b>S55720-S141</b>
<b>AQR2535NNWQ</b>	Temperature, humidity and air quality display	<b>S55720-S219</b>	
<b>Base modules AQR2576NF for CO<sub>2</sub> measurement</b>			
	<ul style="list-style-type: none"> <li>• Power supply: KNX Bus</li> <li>• Analogue inputs: Passive temperature sensor NTC 10k</li> <li>• analogue inputs, quantity: 1</li> <li>• Digital inputs: Isolated contacts</li> <li>• Digital inputs, quantity: 2</li> <li>• Measuring range CO<sub>2</sub>: 0 - 5000 ppm</li> <li>• Electrical connection</li> <li>Bus connection: Spring clamp</li> <li>Sensor inputs: 4 screw fasteners</li> </ul>		
			<b>S55720-S207</b>



## Technical Information



16/2	<b>General</b>
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16/30	<b>Shutter/blind controls</b>
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16/47	<b>Communication</b>
16/49	<b>TV / RF / SAT</b>
16/50	<b>m-system</b>

## Technical Information

### General

#### 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 <sup>1)</sup>
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 <sup>1)</sup>
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 <sup>1)</sup>
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 <sup>1)</sup>
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

<sup>1)</sup> 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

**Overview**

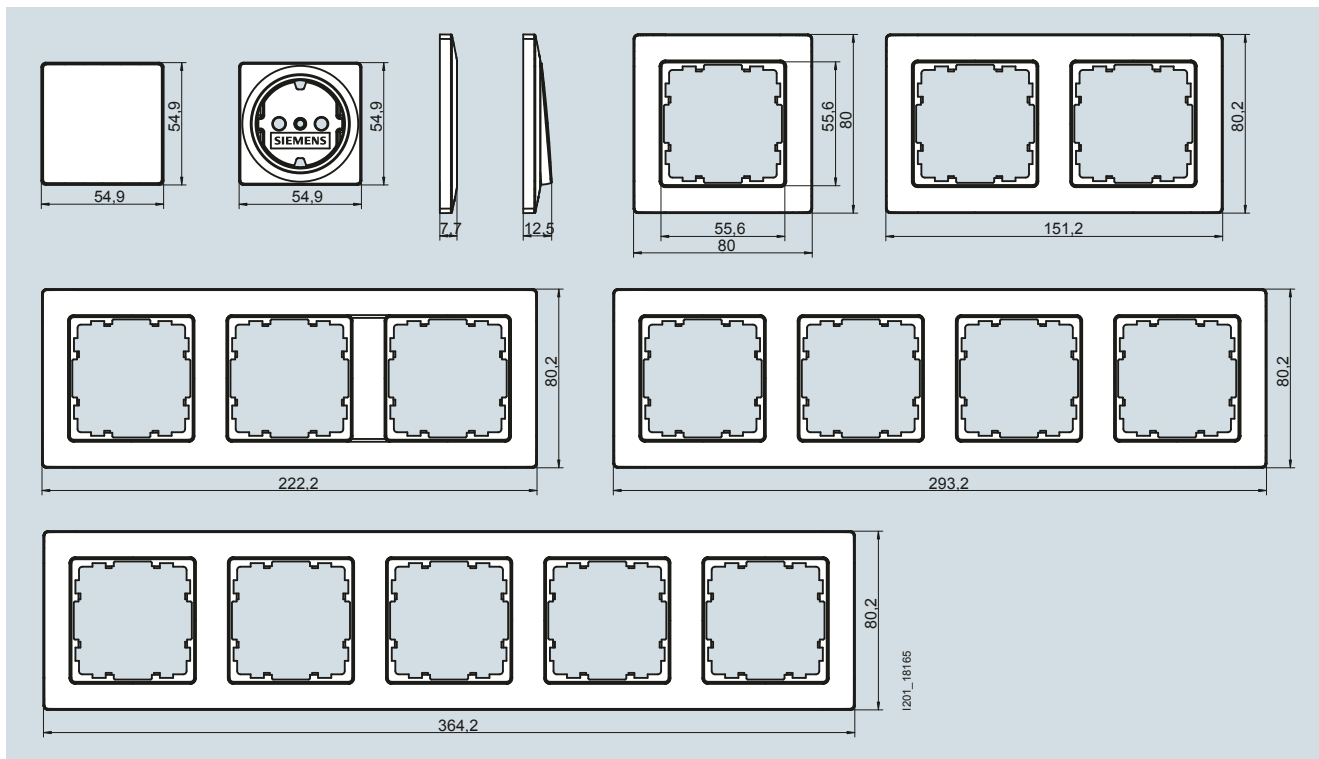
	Approval mark for Germany (Verband Deutscher Elektrotechniker - Association of German Electrical Engineers)
	Approval mark for Switzerland
	Approval mark for the Netherlands
	Approval mark for Canada
	Approval mark for USA
	Total insulation, Safety Class II
<b>IP44</b>	Protection against foreign bodies and splashwater
<b>IP55</b>	Dust-protected, protection against foreign objects and jet-water
<b>IP66</b>	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
<b>SV (AEV)</b>	Safety power supply (diesel generator set DIN VDE 0107)
<b>ZSV (BEV)</b>	Additional safety power supply (battery-supported DIN VDE 0107)
<b>WSV (BEV)</b>	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
<b>EIB</b>	Registered trademark of the European Installation Bus Association, Brussels

# Technical Information

## Dimensional Drawings

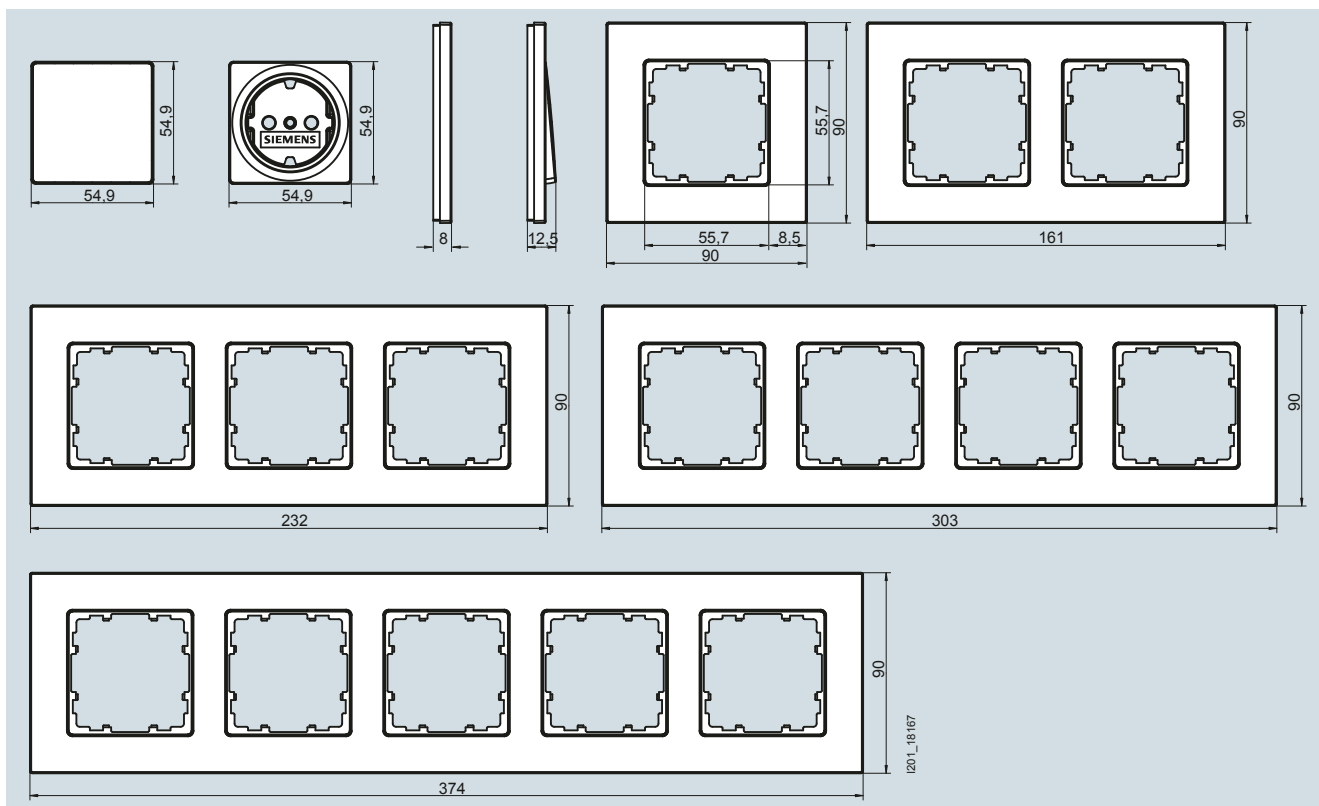
### DELTA line

#### Dimensional drawings

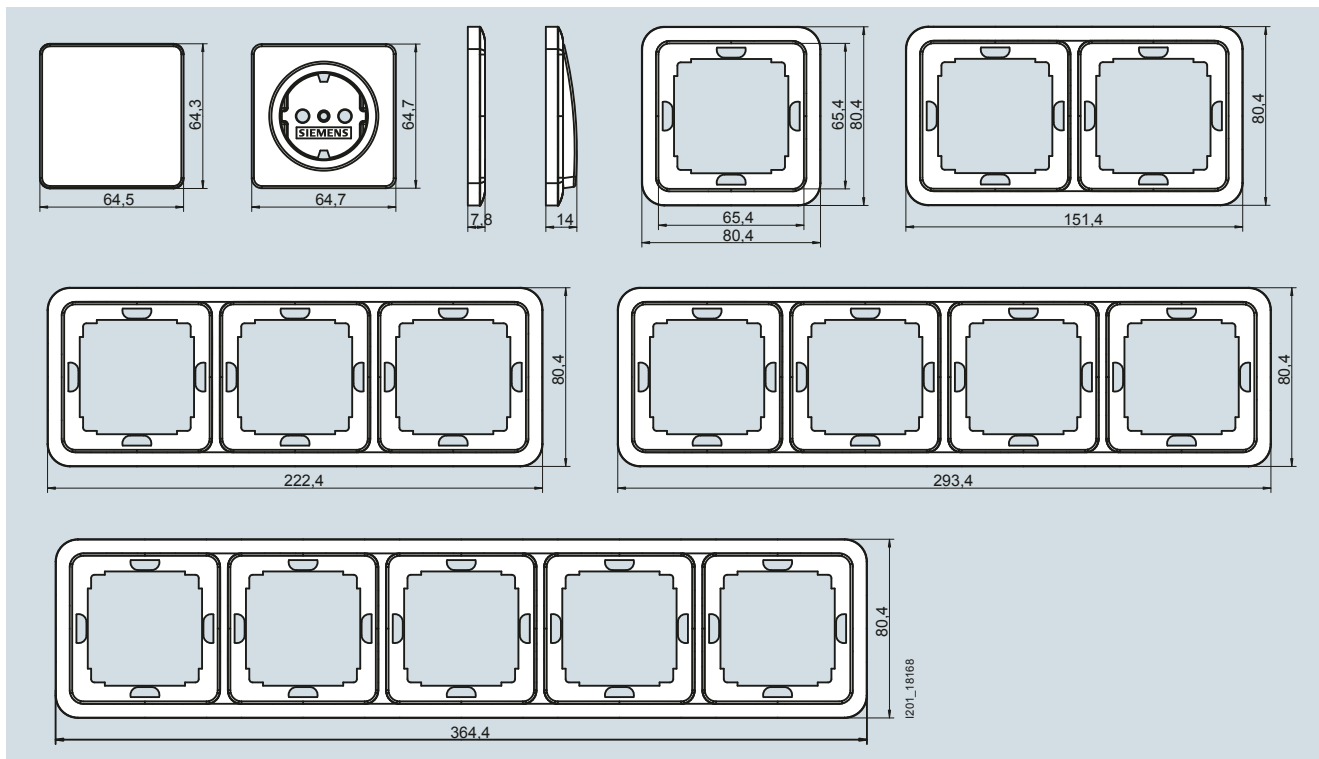


### DELTA miro

#### Dimensional drawings

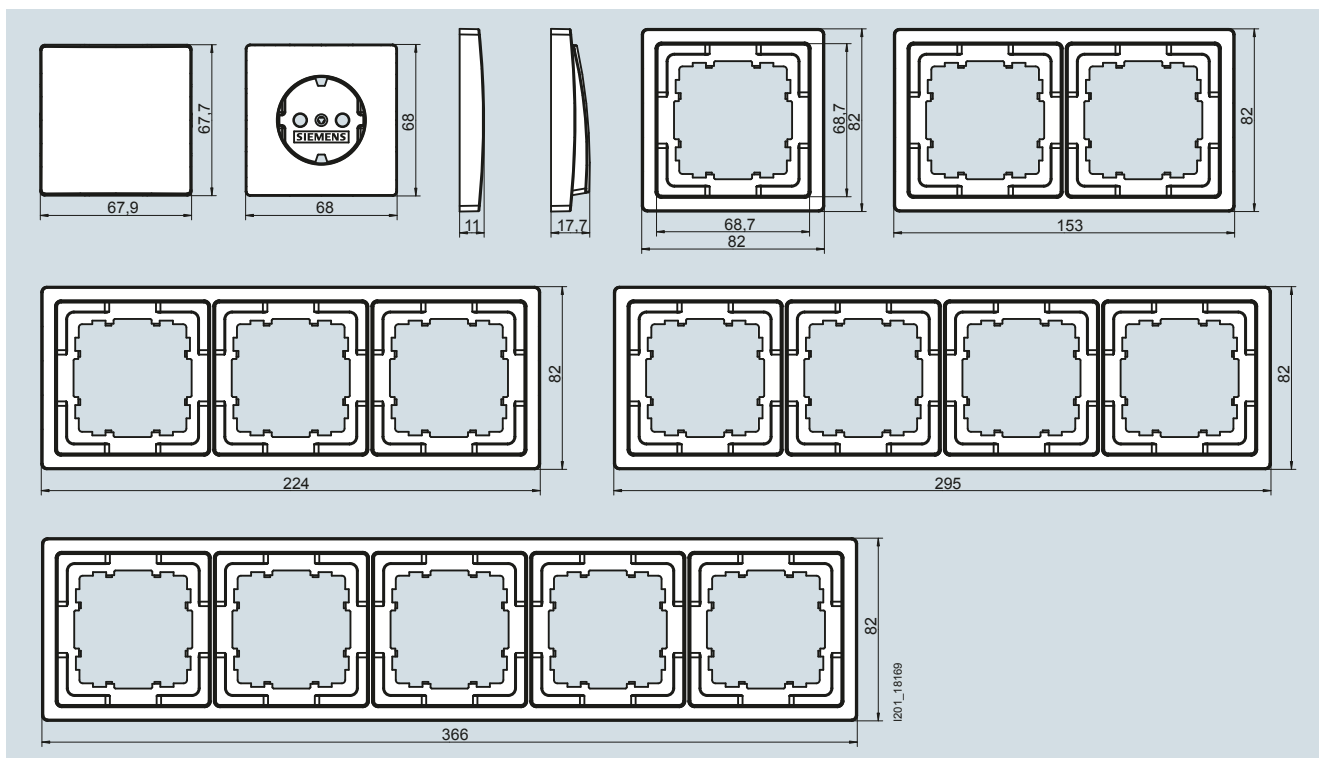


Dimensional drawings



DELTA style

Dimensional drawings



## Technical Information

### Switches and Pushbuttons

#### Switches

##### 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 <sup>1)</sup>	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 <sup>2)</sup>	36 W	36 W	26
			58 W	18
2 x 36 W		2 x 36 W	12	
		2 x 58 W	9	

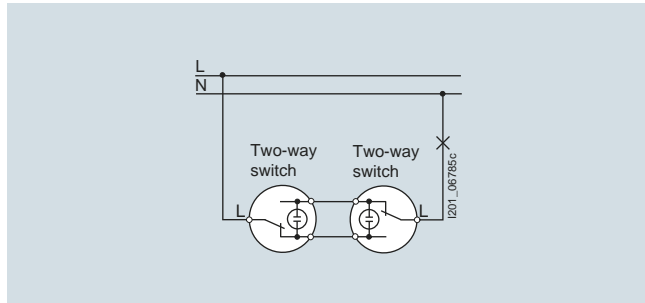
<sup>1)</sup> Incandescent lamps were cooled during the test.

<sup>2)</sup> OSRAM ECGs.

#### Universal switches (5TA2156)

##### Schematics

##### **Glow lamps/LED light inserts for orientation**



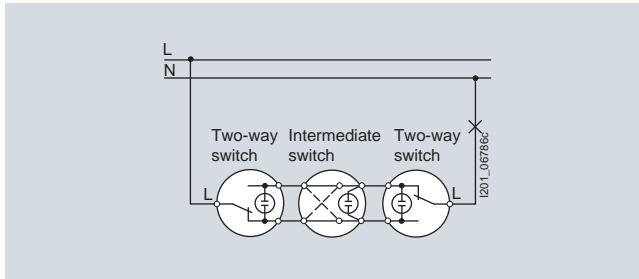
Order No. of insert: 5TA2156

Order No. of glow lamp: 5TG7332

Order No. of LED light inserts: [see section Switching/Pushbutton Control/Dimming / Accessories and spare parts](#)(page 9/14)

#### Schematics

##### Glow lamps/LED light inserts for orientation



Order No. of inserts:  
5TA2156/5TA2 117/5TA2156

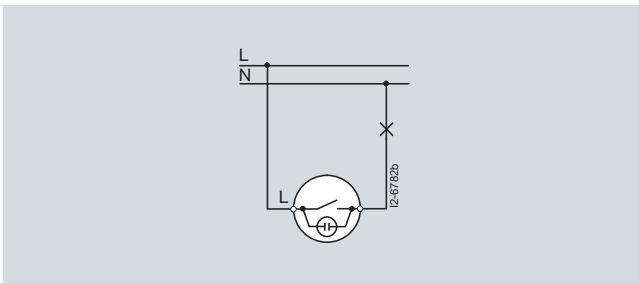
Order No. of glow lamp: 5TG7332

Order No. of LED light inserts: [see section Switching/Pushbutton Control/Dimming / Accessories and spare parts \(page 9/14\)](#)

#### ON/OFF switches, 1-pole, (5TA2151)

#### Schematics

##### Glow lamps/LED light inserts for orientation



Order No. of insert: 5TA2151

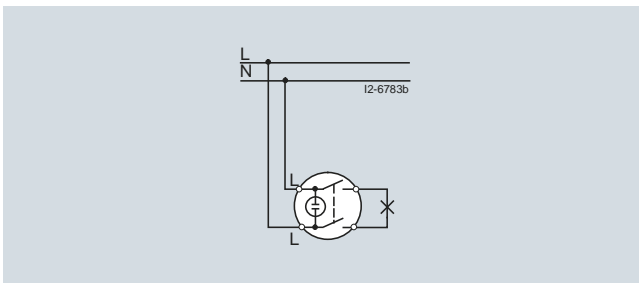
Order No. of glow lamp: 5TG7332

Order No. of LED light inserts: [see section Switching/Pushbutton Control/Dimming / Accessories and spare parts \(page 9/14\)](#)

#### ON/OFF switches, 2-pole

#### Schematics

##### Glow lamps/LED light inserts for orientation

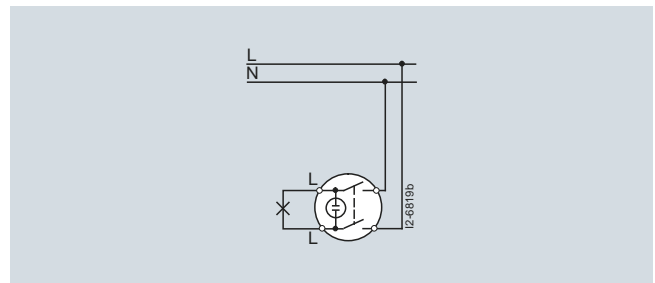


Order No. of insert:  
5TA2112, 10 A and 5TA2162, 16 A

Order No. of glow lamp: 5TG7332

Order No. of LED light inserts: [see section Switching/Pushbutton Control/Dimming / Accessories and spare parts \(page 9/14\)](#)

##### Glow lamps/LED light inserts for control



Order No. of inserts:  
5TA2112, 10 A and 5TA2162, 16 A

Order No. of glow lamp: 5TG7332

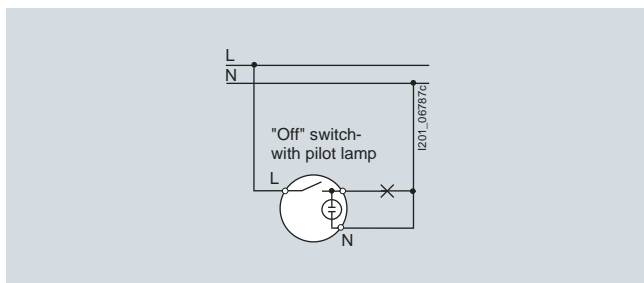
Order No. of LED light inserts: [see section Switching/Pushbutton Control/Dimming / Accessories and spare parts \(page 9/14\)](#)

## Technical Information

### Switches and Pushbuttons

#### Switches with pilot lamp for ON/OFF switching (5TA2150)

##### Schematics

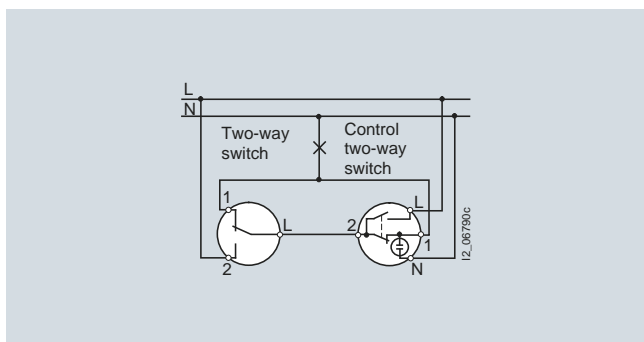


Order no. for insert including illuminants: 5TA2150

#### Switches with pilot lamp for two-way switching (5TA2108)

##### Schematics

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

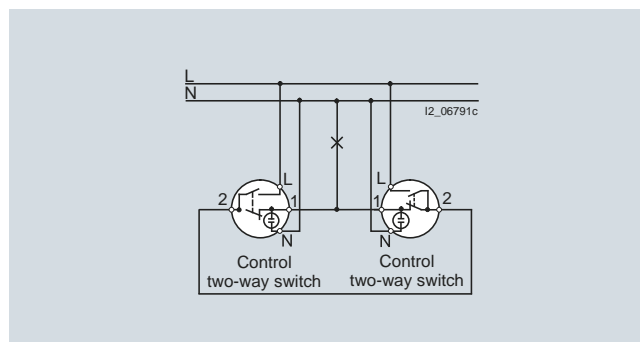


Order No. of inserts:

- 5TA2156 (two-way switch)
- 5TA2108 (control two-way switch)

5TA2108 insert including illuminants

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



Order No. of insert:

5TA2108 (control two-way switch)

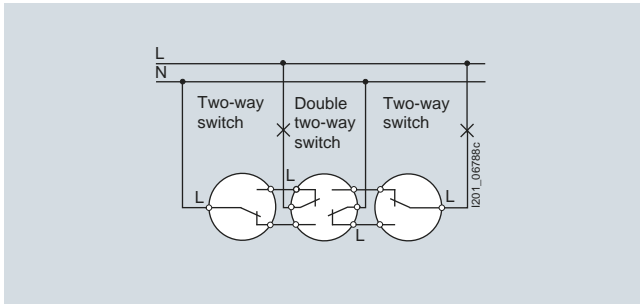
5TA2108 insert including illuminants



### Double two-way switches (5TA2118)

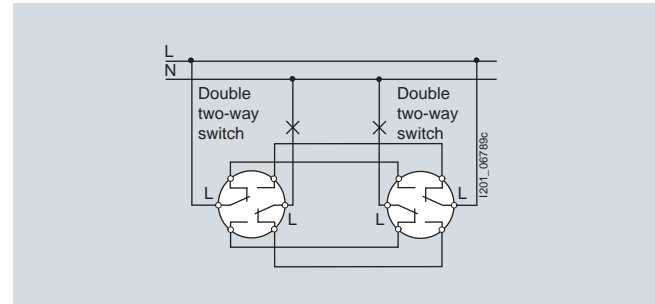
#### Schematics

##### Double two-way circuit



Order No. of inserts: 5TA2156 / 5TA2118 / 5TA2156

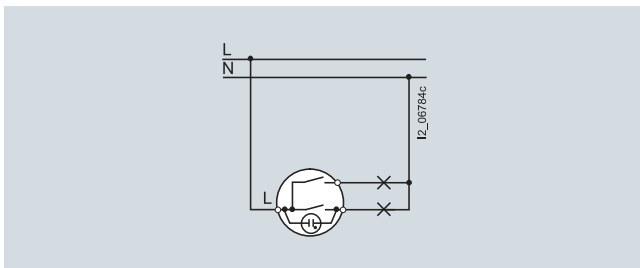
##### Double two-way circuit with two double two-way switches



Order No. of inserts: 5TA2118 / 5TA2118

### Two-circuit switches (5TA2155)

#### Schematics

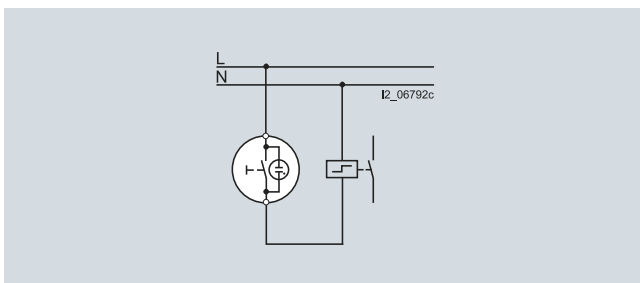


Order No. of insert: 5TA2155

Order No. of LED light inserts: [see section Switching/Pushbutton Control/Dimming / Accessories and spare parts](#) (page 9/14)

### Pushbuttons, 1 NO contact (5TD2120)

#### Schematics



Order No. of insert: 5TD2120

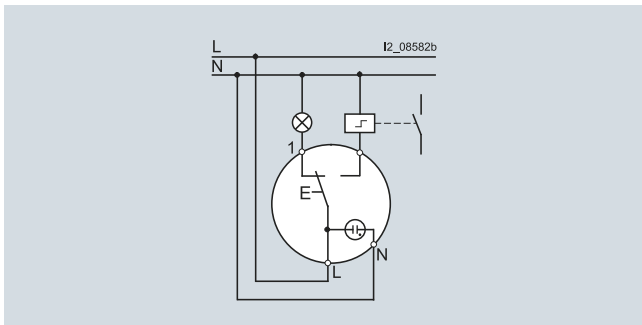
Order No. of LED light inserts: [see section Switching/Pushbutton Control/Dimming / Accessories and spare parts](#) (page 9/14)

## Technical Information

### Switches and Pushbuttons

#### Pushbuttons, 1 CO contact, with separate neutral terminal (5TD2117)

##### Schematics

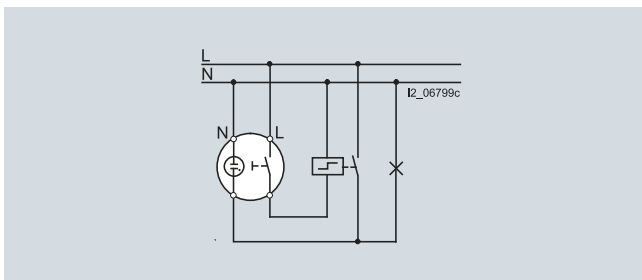


Order No. of insert: 5TD2117

Order No. of LED light inserts: [see section Switching/Pushbutton Control/Dimming / Accessories and spare parts](#) (page 9/14)

#### Pushbuttons, separate check-back indication (5TD2114)

##### Schematics

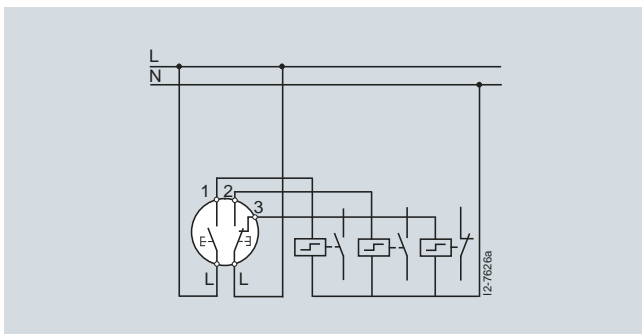


Order No. of insert: 5TD2114

Order No. of LED light inserts: [see section Switching/Pushbutton Control/Dimming / Accessories and spare parts](#) (page 9/14)

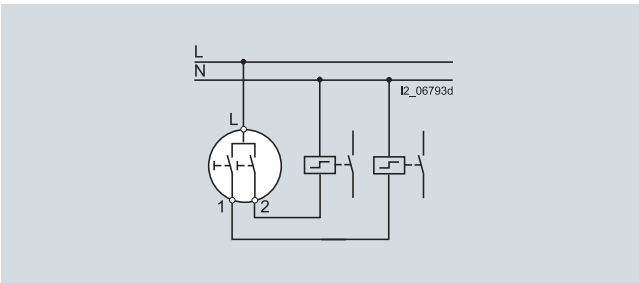
#### Pushbuttons, double, 1 NO contact, 1 CO contact (5TD2115)

##### Schematics



Order No. of insert: 5TD2115

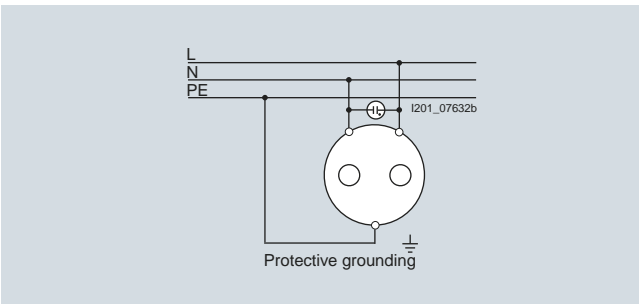
**Schematics**



Order No. of insert: 5TD2111

**SCHUKO socket outlets with status display**

**Schematics**



## Technical Information

### Socket Outlets

#### 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:

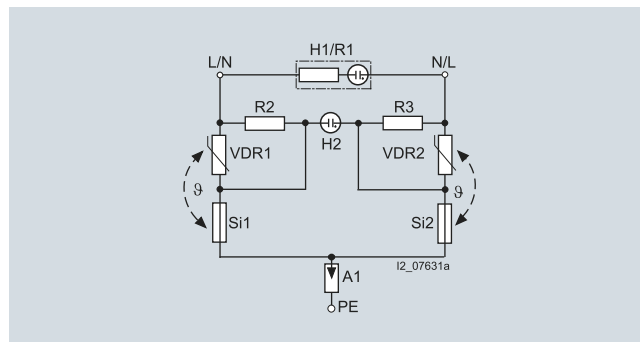
- Overvoltage protection with monitoring device and disconnecter
- Visual function indicator (glow lamp, green)
- Visual fault display (glow lamp red, no disconnection)
- With retaining ring for installation in switch boxes (60 mm Ø, 40 mm deep)

##### 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 $\leq 1.5$ kV L(N) -> PE $\leq 1.5$ kV
Response time	$t_A$	L -> N 25 ns L(N) -> PE 100 ns
Series fuse <sup>1)</sup>	16 A gL/gG or B 16 A	
Temperature range	J	-25 ... +40 °C
Terminals	3 double terminals, each up to 2.5 mm <sup>2</sup> also suitable for through-wiring	

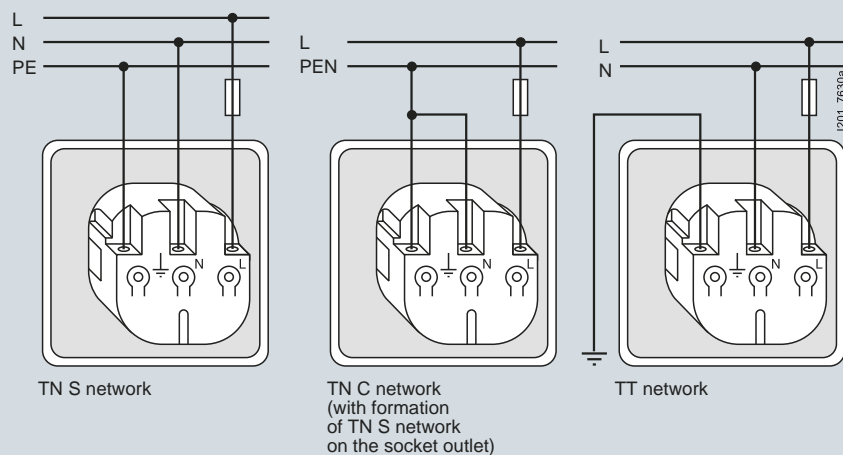
<sup>1)</sup> Only required if not already available in the system.

##### Schematics



#### SCHUKO socket outlets with residual-current protection

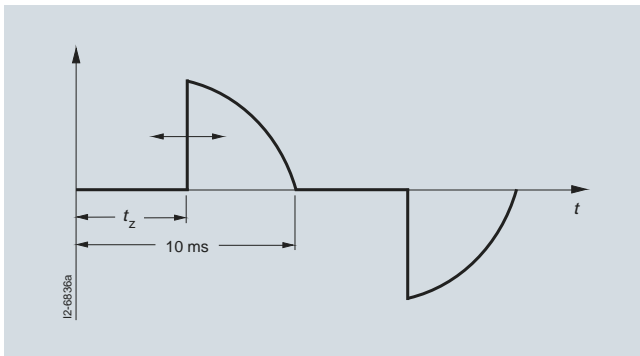
##### Schematics



## Overview

### Leading-edge phase principle

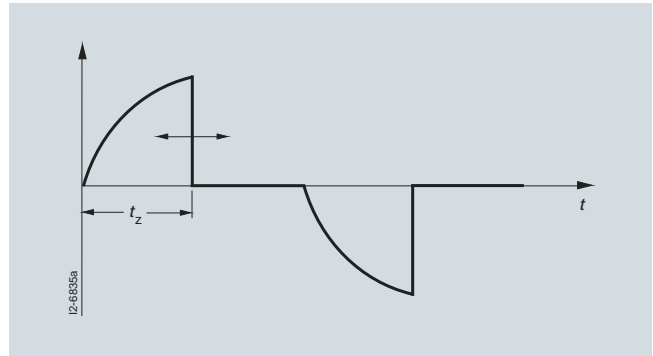
Conventional dimmers operate using the leading-edge phase principle. At the beginning of each sinusoidal half-wave, the dimmer blocks the current to the lamp, it is non-conducting. The TRIAC (the electronic switch in the dimmer) is only connected after startup of a user-definable delay time  $t_z$ , 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 damped by means of suitable filtering measures.



### Trailing-edge phase principle

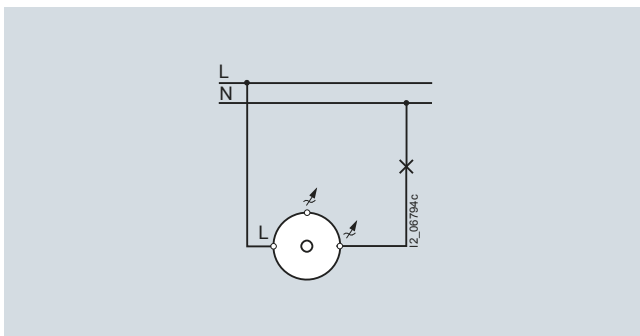
For this purpose, the load is switched on during the zero crossing of each sinusoidal half-wave and switched off again on expiration of the time  $t_z$ . This allows changes to the r.m.s. value of the lamp voltage, and thus the brightness. No interference voltages are produced when switching on because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

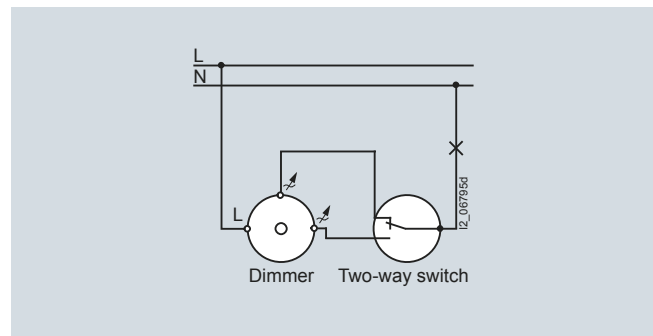


## Schematics

**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**

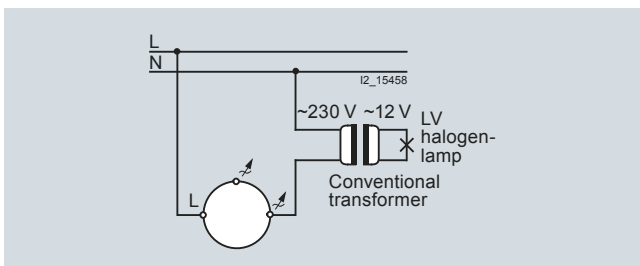


Application in ON/OFF circuit (ON/OFF switching and dimmer control from one point)



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

**Rotary dimmer for LV halogen lamps with solenoid transformer, for two-way switching (5TC8283)**



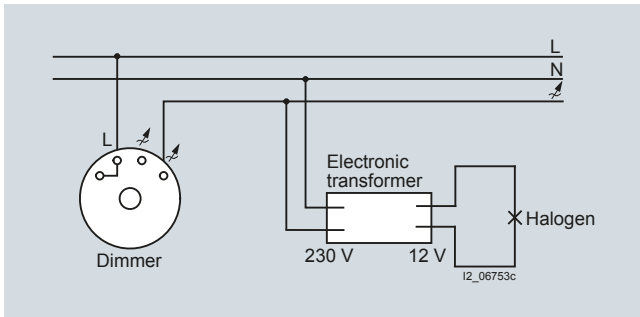
For the protection of transformers, we recommend a miniature fuse (corresponding to the transformer rating)

## Technical Information

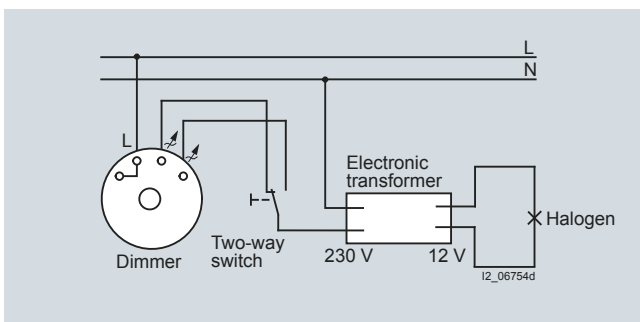
### Dimmers

#### General

**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

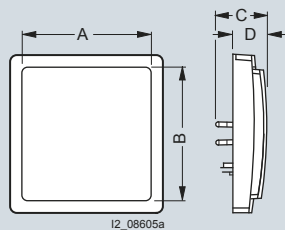


Only dimmers with pushbutton two-way switching can be used

### 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



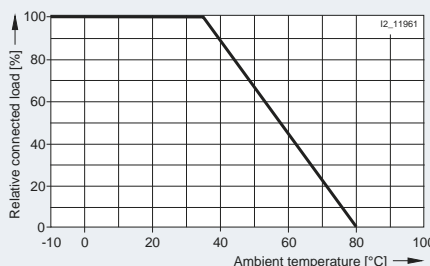
	A	B	C	D
i-system	55	55	24	13
DELTA profil	65	65	25	14
DELTA style	68	68	27	16,5

## Technical Information

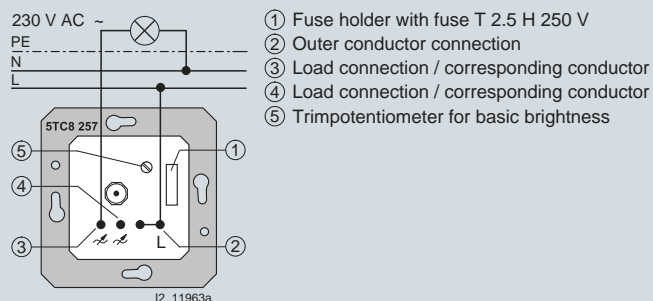
### Dimmers

#### Incandescent lamp dimmers, 50 to 600 W, for two-way switching (5TC8257)

#### Technical specifications

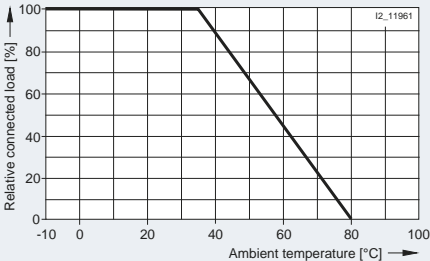
Power supply	Mains connection 230 V ① (2-wire method), rated voltage: 230 V AC, 50/60 Hz
Protection against short-circuits	Fuse A1 (the fuse holder contains a spare fuse)
Protection against overloads	With additional temperature cutout, which permanently shuts down the dimmer in the event of an overload
Load output	Two terminals for two-way switching (③ and ④) 230 V AC, 50/60 Hz
<ul style="list-style-type: none"> <li>• Number</li> <li>• Rated voltage</li> <li>• Rated load (up to 35 °C ambient temperature) <ul style="list-style-type: none"> <li>- Incandescent lamps</li> <li>- HV halogen lamps</li> <li>- Note</li> <li>- Maximum connected load at ambient temperature</li> </ul> </li> </ul>	50 ... 600 W 50 ... 600 W Only incandescent lamps and/or HV halogen lamps may be connected
	 <p style="text-align: right;">Warning: The connected load must be reduced by 20 %, depending on operating conditions</p> <ul style="list-style-type: none"> <li>• For mounting on wood, Rigips, gas concrete or cavity walls</li> <li>• For installation in multiple combinations or surface-mounting enclosures</li> </ul>
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: <ul style="list-style-type: none"> <li>• 0,5 ... 4.0 mm<sup>2</sup> solid</li> <li>• 0,5 ... 2.5 mm<sup>2</sup> finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)</li> </ul>
Mechanical specifications	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	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	-5 ... +45 °C -25 ... +70 °C 5 ... 93 %
Approvals	VDE certification and KEMA certification

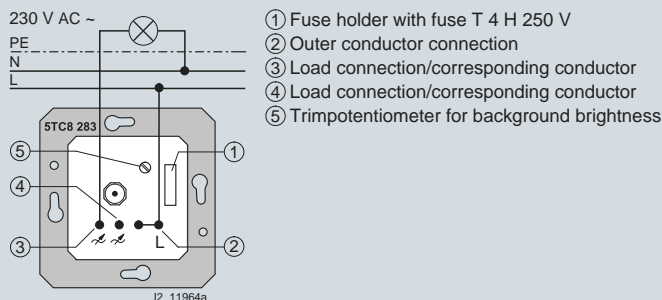
#### Schematics





**LV dimmers, for magnetic transformers, 50 to 600 W, 25 to 500 VA, for two-way switching (5TC8283)**
**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	Two terminals for two-way switching (③ and ④) 230 V AC, 50/60 Hz
<ul style="list-style-type: none"> <li>• Number</li> <li>• Rated voltage</li> <li>• Rated load (up to 35 °C ambient temperature)           <ul style="list-style-type: none"> <li>- Incandescent lamps 50 ... 600 W</li> <li>- HV halogen lamps 50 ... 600 W</li> <li>- Low-voltage halogen lamps, magnetic transformer 25 ... 500 VA</li> </ul> </li> <li>- Note</li> </ul>	Does not support connection of: <ul style="list-style-type: none"> <li>• Energy-saving lamps</li> <li>• Electronic transformers</li> <li>• Power boosters</li> </ul>
- Maximum connected load at ambient temperature	 <p style="text-align: right; color: orange;">Warning: The connected load must be reduced by 20 %, depending on operating conditions</p> <ul style="list-style-type: none"> <li>• For mounting on wood, Rigips, gas concrete or cavity walls</li> <li>• For installation in multiple combinations or surface-mounting enclosures</li> </ul>
Terminals	4 screw terminals with anti-slip terminal body, the following conductor/cross-sections are permissible: <ul style="list-style-type: none"> <li>• 0,5 ... 4,0 mm<sup>2</sup> solid</li> <li>• 0,5 ... 2,5 mm<sup>2</sup> finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)</li> </ul>
Mechanical specifications	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	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 -5 ... +45 °C • Storage temperature -25 ... +70 °C • Relative humidity (non-condensing) 5 ... 93 %
Approvals	VDE certification and KEMA certification

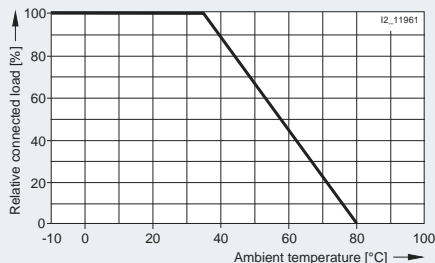
**Schematics**


## Technical Information

### Dimmers

#### Low voltage rotary-dimmer for LED LAMPS 60 W and RL 6-120 W (5TC8263)

#### 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	Two terminals for two-way switching (② and ③) 230 V AC, 50 Hz
<ul style="list-style-type: none"> <li>Number</li> <li>Rated voltage</li> <li>Rated load (up to 35 °C ambient temperature) <ul style="list-style-type: none"> <li>- Incandescent lamps</li> <li>- High-volt halogen lamps</li> <li>- Low voltage halogen lamps magn.</li> <li>- Dimmable LED Lamps</li> </ul> </li> </ul>	6 ... 120 W 6 ... 120 W 25 ... 100 VA 60 W  Does not support connection of: <ul style="list-style-type: none"> <li>• Energy-saving lamps</li> <li>• Magnetic transformers</li> </ul>
- Maximum connected load at ambient temperature	 <p>Warning: The connected load must be reduced by 25 %, depending on operating conditions</p> <ul style="list-style-type: none"> <li>• For mounting on wood, Rigips, gas concrete or cavity walls</li> <li>• For installation in multiple combinations or surface-mounting enclosures</li> </ul> <p>If using highly thermally insulating materials (e.g. glass wool), it may be necessary to reduce the connected load even further</p>
Terminals	4 screw terminals with anti-slip terminal body, the following conductor/cross-sections are permissible: <ul style="list-style-type: none"> <li>• 0,5 ... 4,0 mm<sup>2</sup> solid</li> <li>• 0,5 ... 2,5 mm<sup>2</sup> finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)</li> </ul>
Mechanical specifications	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	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	<ul style="list-style-type: none"> <li>• Ambient operating temperature</li> <li>• Storage temperature</li> <li>• Relative humidity (non-condensing)</li> </ul> -5 ... +45 °C -25 ... +70 °C 5 ... 93 %

Note: Connect the dimmer only to LED lamps marked as dimmable!

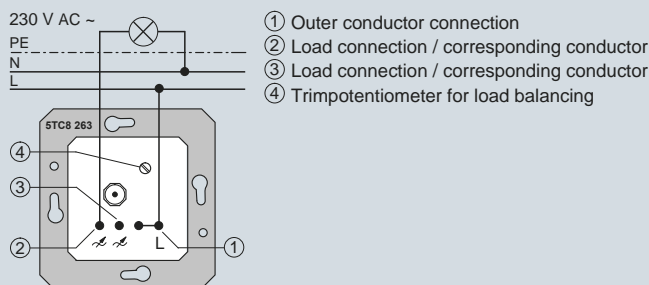
Many LED bulbs are not dimmable!

This also applies to the ballasts of LED lamps.

Note: A list of suitable LED loads for the dimmer is updated regularly and is available on the

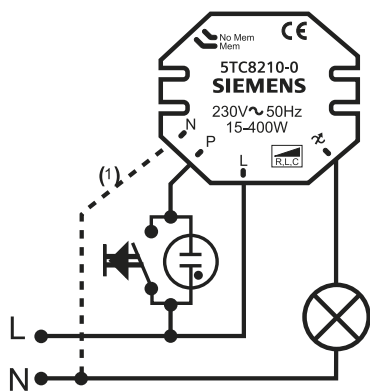
Internet at: <https://support.industry.siemens.com/cs/products/5tc8263/>

#### Schematics



**Technical specifications**

Power supply	AC 230 V, 50 Hz
Consumption	3 VA
Valid for Incandescence & Halogens: <ul style="list-style-type: none"> <li>• Incandescent &amp; 230V Halogen lamps</li> <li>• Halogen lamps with Inductive Transformer</li> <li>• Halogen lamps with Electronic Transformer</li> </ul>	15 ... 400 W 20 ... 250 W 15 ... 400 W
Max. Number of connectable pushbuttons	unlimited (max 3 pushbuttons with led signal light)
Mechanical specifications <ul style="list-style-type: none"> <li>• Dimensions</li> <li>• Weight</li> </ul>	45 x 45 x 12 mm ca. 40 g
Electrical safety <ul style="list-style-type: none"> <li>• Environmental protection according to DIN EN 20324</li> <li>• Standard</li> </ul>	IP20 According to DIN EN 60669-2-1
Environmental specifications <ul style="list-style-type: none"> <li>• Ambient operating temperature</li> <li>• Storage temperature</li> </ul>	0 ... +40 °C -30 ... +70 °C
1) Necessary when connecting loads with high inductance	

**Schematics**


1) Necessary when connecting loads with high inductance

## Technical Information

### Dimmers

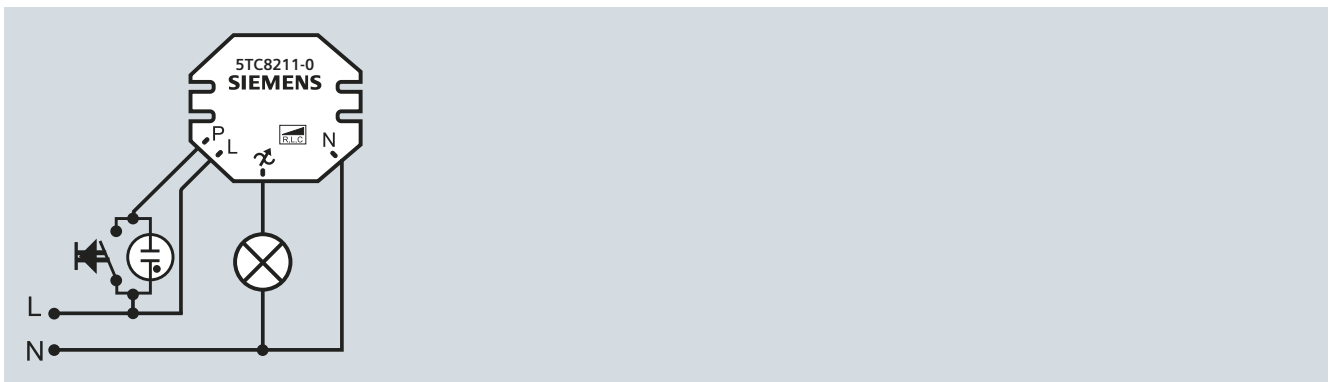
#### LED Dimmer (5TC8211-0)

#### Technical specifications

Power supply	AC 230 V, 50/60 Hz
Consumption	2 VA
Valid for... Dimmable LED lamps:	
• 230V~ LED lamp	4 ... 100 W
• 2V~ LED lamp (with electronic transformer) <sup>1)</sup>	1 lamp per transfo., max. 6 transfor. 50 W
Max. Number of connectable pushbuttons	unlimited (max 3 pushbuttons with led signal light)
Mechanical specifications	
• Dimensions	45 x 45 x 12 mm
• Weight	ca. 23 g
Electrical safety	
• Environmental protection according to DIN EN 20324	IP20
• Standard	According to DIN EN 60669-2-1
Environmental specifications	
• Ambient operating temperature	0 ... +40 °C
• Storage temperature	-30 ... +70 °C

<sup>1)</sup> For all transformers and lamps used, the specifications of the respective manufacturer must be observed and taken into account

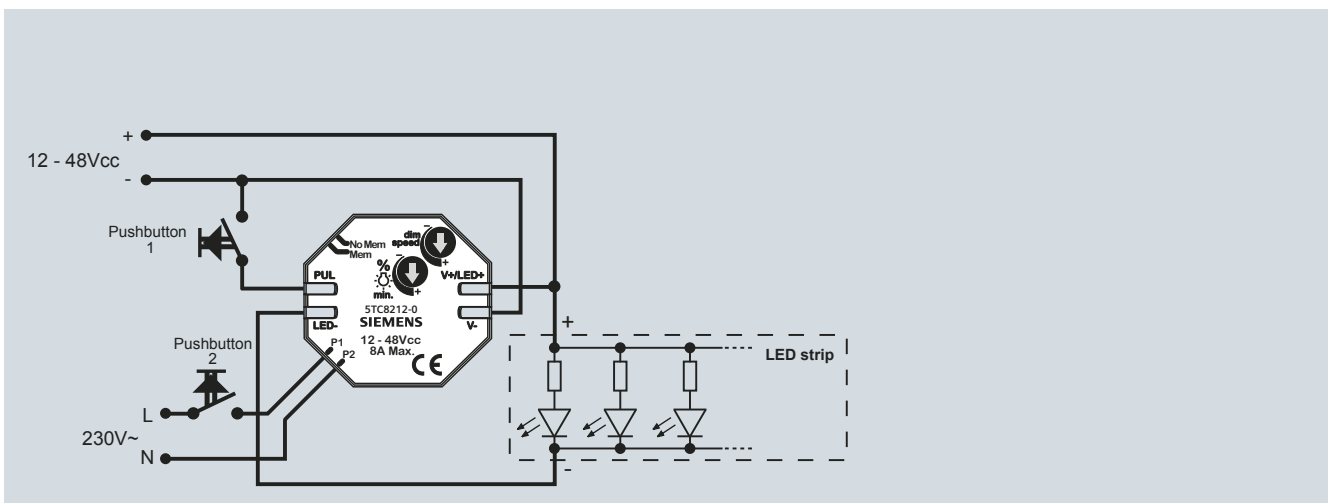
#### Schematics



**Technical specifications**

Power supply	DC 12 ... 48 V <sup>1)</sup>
Consumption	<12 mA, Maximum load 8 A
Minimum brightness level	1 ... 60 %
Dimming speed	3 ... 10 Seconds
Control	Pushbutton referred to ground or pushbutton isolated referred to 230V~
Mechanical specifications	
• Dimensions	45 x 45 x 12 mm
• Weight	ca. 23 g
Electrical safety	
• Environmental protection according to DIN EN 20324	IP20
• Standard	According to DIN EN 60669-2-1
Environmental specifications	
• Ambient operating temperature	0 ... +40 °C
• Storage temperature	-30 ... +70 °C

<sup>1)</sup> The power supply associated with this dimmer should comply with the Low Voltage Directive 2006/95/EC and EMC Directive 2004/108/EC

**Schematics**


## Technical Information

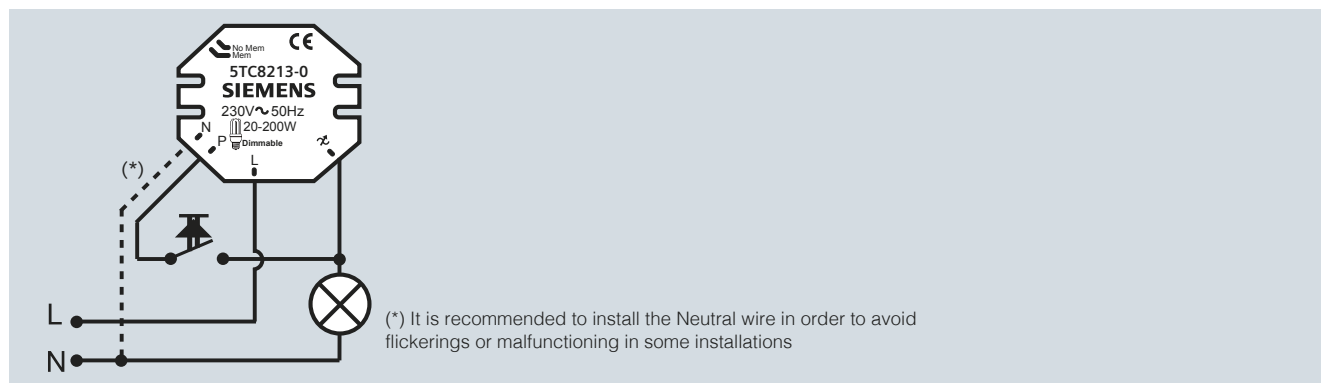
### Dimmers

#### Dimmer for dimmable compact fluorescent lamps (5TC8213-0)

##### Technical specifications

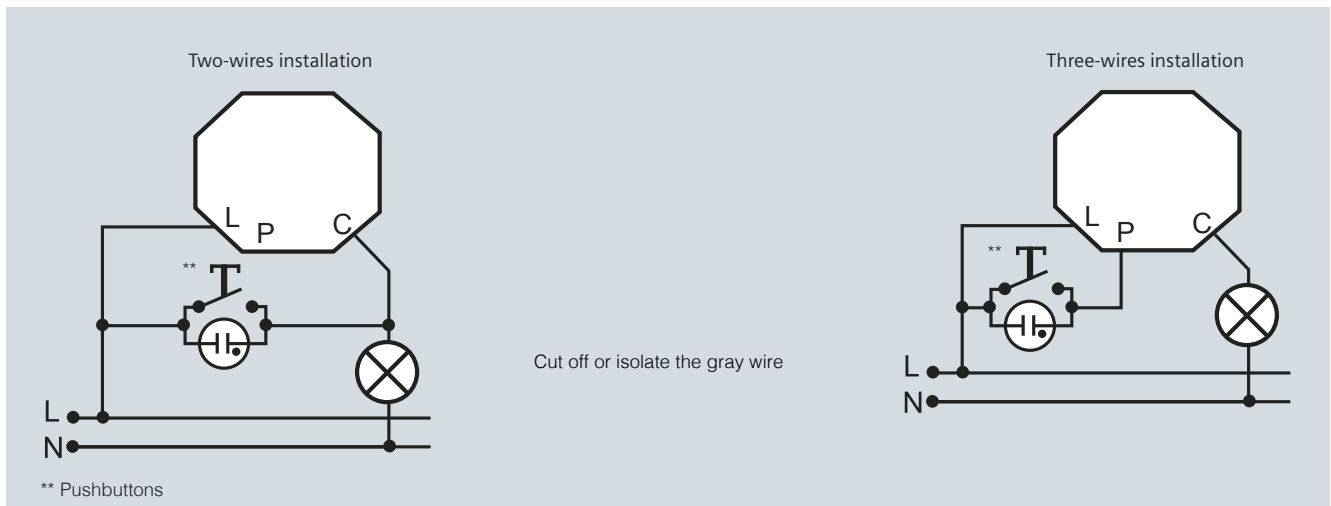
Power supply	AC 230 V, 50 Hz
Consumption	3 VA
Valid for Dimmable Compact Fluorescent lamps	Load: 20 ... 200 W
Mechanical specifications	
• Dimensions	45 x 45 x 12 mm
• Weight	ca. 40 g
Electrical safety	
• Environmental protection according to DIN EN 60529	IP20
• Standard	According to DIN EN 60669-2-1
Environmental specifications	
• Ambient operating temperature	0 ... +40 °C
• Storage temperature	-30 ... +70 °C

##### Schematics



**Technical specifications**

Power supply	AC 230 V, 50 Hz
Consumption	5 VA
Valid for... Incandescence & Halogen lamps	Load: 20 ... 200 W
• Incandescent & 230V Halogen lamps	40 ... 400 W
• Halogen lamps with Inductive Transformer	50 ... 320 W
• Halogen lamps with Electronic Transformer	40 ... 400 W
• Motors	36 ... 100 W
Settings	Selector switch
Max. Number of connectable pushbuttons	unlimited (max 3 pushbuttons with led signal light)
Mechanical specifications	
• Dimensions	45 x 45 x 12 mm
• Weight	ca. 22 g
Electrical safety	
• Environmental protection according to DIN EN 20324	IP20
• Standard	According to DIN EN 60669-2-1 and DIN EN 60669-2-3
Environmental specifications	
• Ambient operating temperature	0 ... +40 °C
• Storage temperature	-30 ... +70 °C

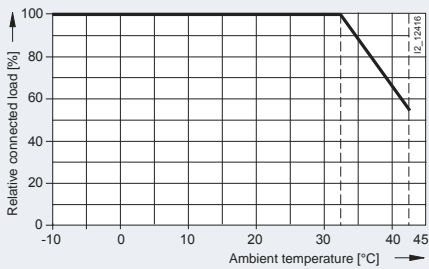
**Schematics**


## Technical Information

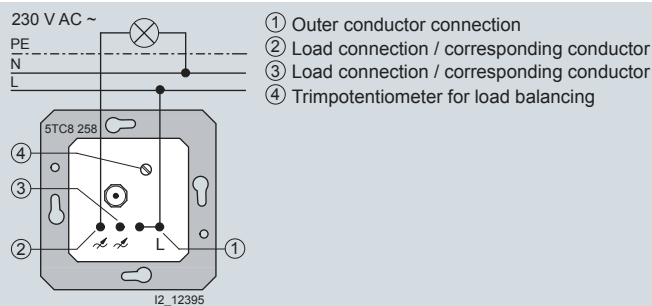
### Dimmers

#### LV dimmers, for electronic transformers, 60 to 800 W, 60 to 800 VA, for two-way switching (5TC8258)

#### 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 <ul style="list-style-type: none"> <li>Number</li> <li>Rated voltage</li> <li>Rated load (up to 35 °C ambient temperature) <ul style="list-style-type: none"> <li>- Incandescent lamps</li> <li>- HV halogen lamps</li> <li>- LV halogen lamps with electronic transformer</li> <li>- Note</li> </ul> </li> </ul> <p>- Maximum connected load at ambient temperature</p>	<p>Two terminals for two-way switching (② and ③) 230 V AC, 50 Hz</p> <p>60 ... 800 W 60 ... 800 W 60 ... 800 VA</p> <p>Does not support connection of:</p> <ul style="list-style-type: none"> <li>• Energy-saving lamps</li> <li>• Magnetic transformers</li> </ul>
	 <p>Warning: The connected load must be reduced by 25 %, depending on operating conditions</p> <ul style="list-style-type: none"> <li>• For mounting on wood, Rigips, gas concrete or cavity walls</li> <li>• For installation in multiple combinations or surface-mounting enclosures</li> </ul> <p>If using highly thermally insulating materials (e.g. glass wool), it may be necessary to reduce the connected load even further</p>
Terminals	4 screw terminals with anti-slip terminal body, the following conductor/cross-sections are permissible: <ul style="list-style-type: none"> <li>• 0,5 ... 4,0 mm<sup>2</sup> solid</li> <li>• 0,5 ... 2,5 mm<sup>2</sup> finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)</li> </ul>
Mechanical specifications <ul style="list-style-type: none"> <li>• Enclosure</li> <li>• Dimensions</li> <li>• Weight</li> <li>• Fire load</li> <li>• Mounting</li> </ul>	<p>Plastic</p> <p>Modular width: 71 mm x 71 mm, mounting depth: 32 mm</p> <p>Approx. 120 g</p> <p>Approx. 1000 kJ</p> <p>Installation in device boxes 60 mm Ø, 40 mm deep according to DIN 49073-1</p>
Electrical safety <ul style="list-style-type: none"> <li>• Pollution degree (acc. to IEC 60664-1)</li> <li>• Degree of protection (acc. to EN 60529)</li> <li>• Overvoltage category (acc. to IEC 60664-1)</li> <li>• Standard</li> </ul>	<p>2</p> <p>IP20</p> <p>III</p> <p>According to EN 60669-2-1</p>
EMC requirements	According to EN 60669-2-1, EN 61000-6-3 and EN 61000-6-1
Environmental specifications <ul style="list-style-type: none"> <li>• Ambient operating temperature</li> <li>• Storage temperature</li> <li>• Relative humidity (non-condensing)</li> </ul>	<p>-5 ... +45 °C</p> <p>-25 ... +70 °C</p> <p>5 ... 93 %</p>
Approvals	VDE certification

#### Schematics





**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.

## Technical Information

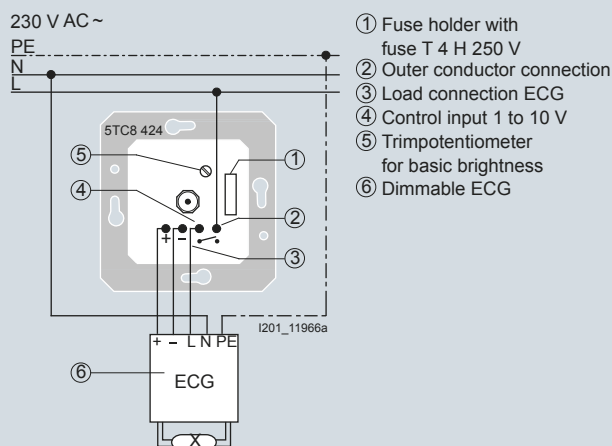
### Dimmers

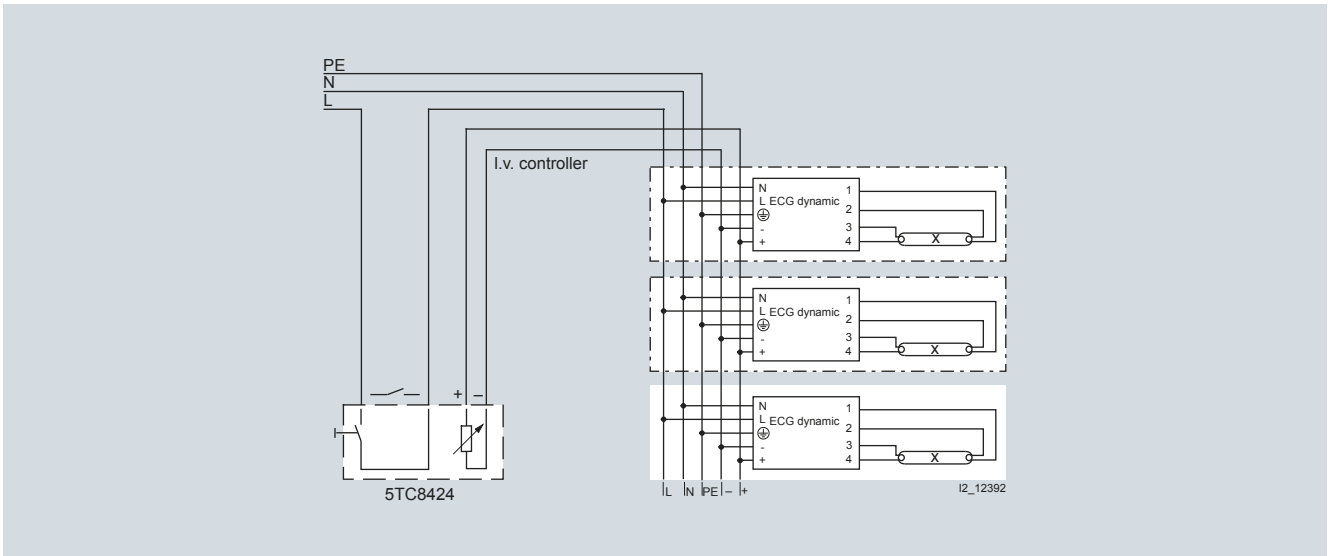
#### Electronic potentiometers, switch (5TC8424)

#### Technical specifications

Power supply	1 ... 10 V
<ul style="list-style-type: none"> <li>Control voltage</li> <li>Maximum control current</li> <li>Load connection</li> </ul>	50 mA 4 A
Protection against short-circuits	With miniature fuse ① (the fuse holder contains a spare fuse)
Switching capacity	
<ul style="list-style-type: none"> <li>Number of ECGs load output           <ul style="list-style-type: none"> <li>- OSRAM Quicktronik, dimmable, 1 x 58 W LL</li> <li>- OSRAM Quicktronik, dimmable, 1 x 36 W LL</li> <li>- OSRAM Quicktronik, dimmable, 2 x 58 W LL</li> <li>- OSRAM Quicktronik, dimmable, 2 x 36 W LL</li> </ul> </li> <li>Number of ECGs control output           <ul style="list-style-type: none"> <li>- Osram DIMM-ECG</li> </ul> </li> <li>Notes</li> </ul>	Max. 6 Max. 9 Max. 3 Max. 4  Max. 50 <ul style="list-style-type: none"> <li>ECGs have high starting currents: if more than six ECGs are to be switched, a power relay must be used</li> <li>Always ensure that ECGs and fluorescent lamps are from the same manufacturer</li> </ul>
Terminals	4 screw terminals with anti-slip terminal body, the following conductor/cross-sections are permissible: <ul style="list-style-type: none"> <li>• 0,5 ... 4.0 mm<sup>2</sup> solid</li> <li>• 0,5 ... 2.5 mm<sup>2</sup> finely stranded, with or without end sleeve (without insulating collar, gas-tight crimp connection)</li> </ul>
Mechanical specifications	
<ul style="list-style-type: none"> <li>Enclosure</li> <li>Dimensions</li> <li>Weight</li> <li>Fire load</li> <li>Mounting</li> </ul>	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	
<ul style="list-style-type: none"> <li>Pollution degree (acc. to IEC 60664-1)</li> <li>Degree of protection (acc. to EN 60529)</li> <li>Overvoltage category (acc. to IEC 60664-1)</li> <li>Standard</li> </ul>	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	
<ul style="list-style-type: none"> <li>Ambient operating temperature</li> <li>Storage temperature</li> <li>Relative humidity (non-condensing)</li> </ul>	-5 ... +45 °C -25 ... +70 °C 5 ... 93 %
Approvals	VDE certification and KEMA certification

#### Schematics





Electronic potentiometers for dimmer control

## Technical Information

### Shutter/Blind Controls

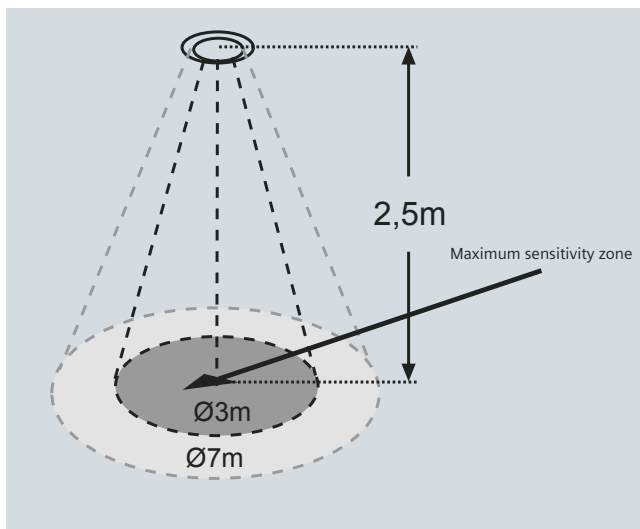
#### Ceiling movement detector 360° (5TC7220-0 / 5TC7220-1)

#### Technical specifications

Power supply	AC 230 V, 50 Hz
Power consumption	<1 W
Contact load	16 A, $\cos \varphi = 1$
• Incandescence or halogens 230V	3000 W
• Halogens electronic transfo	2400 W
• Halogens ferromagnetic transfo	3000 W
• Fluorescence	1300 W (130 $\mu$ F)
• PL lamps	18 x 7 W, 12 x 11 W, 10 x 15 W, 10 x 20 W, 10 x 23 W
• LED lamps	
Detection angle	Circular 360°
Range of coverage	$\varnothing$ 7 m at 2,5m high and 18 °C
Settings	Via potentiometer
Lux value	5 ... 1200 Lux
Time delay	6 seconds to 12 minutes
Mechanical specifications	
• Dimensions (mounted)	118,5 x 45 mm
Electrical safety	
• Degree of protection	IP40, Class II
Environmental specifications	
• Working temperature	-10 ... +45 °C

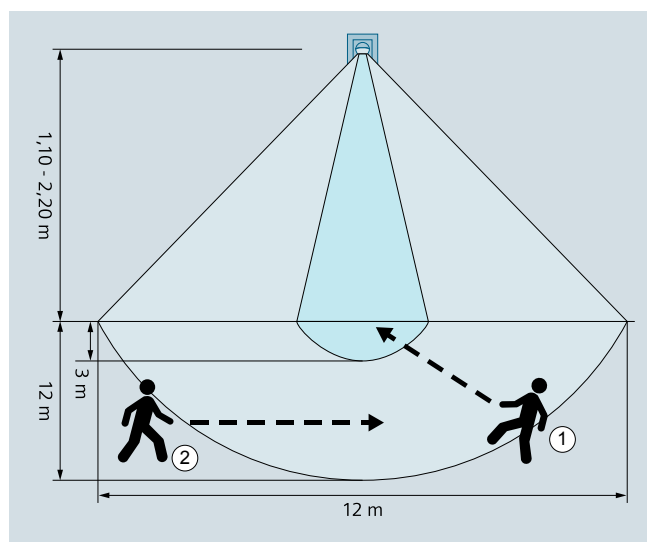
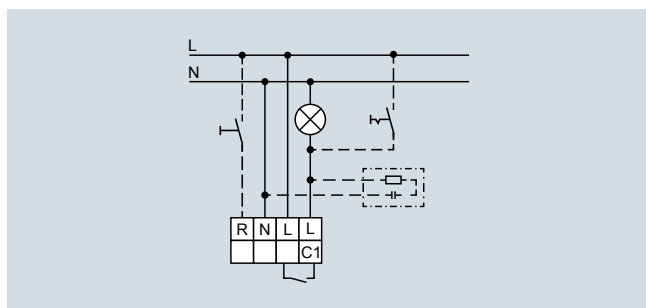
1) For the flushmounting version a 65mm  $\varnothing$  box/hole is needed.

#### Schematics



**Technical specifications**

Supply voltage	AC 110 ... 240 V, 50/60 Hz
Typical power consumption	ca. 0,5 W
Detection area	180° horizontal / ca. 60° vertical
Range	max. 10 m quer, ca. 3 m frontal
Min./max.recommend fixing height	1.10 - 2.20 m mounting height
Switching power	2300 W, $\cos\Phi = 1$ ; 1150 VA, $\cos\Phi = 0,5$ ; 300 W LED; max. switch-on peak current $I_p$ (20 ms) = 165A max. switch-on peak current $I_p$ (200 $\mu$ s) = 800 A
Type of contact	1 x $\mu$ -contact, NO/NO with leading tungsten contact
Time setting	15 s - 16 Min. pulse
Brightness threshold	2 ... 2000 Lux
Protection	IP20

**Construction**

**Schematics**


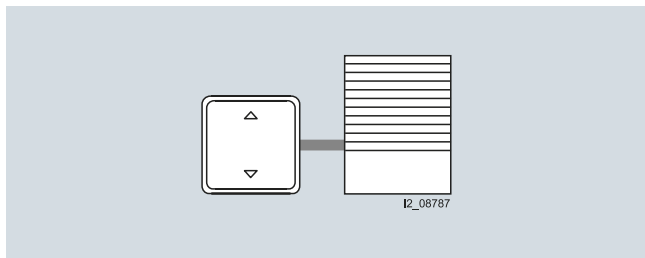
## Technical Information

### Shutter/Blind Controls

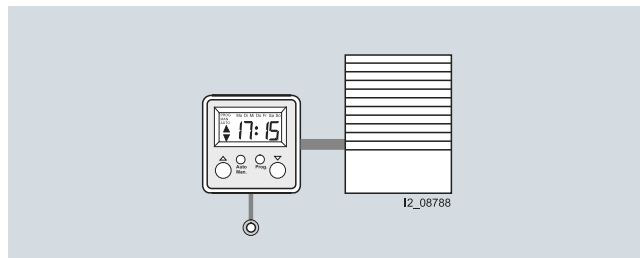
#### General

#### Overview

##### *Individual control, demonstrated using i-system titanium white*

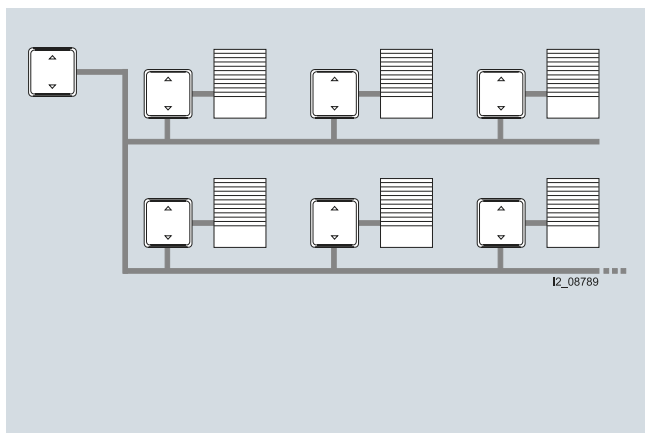


Shutter/blind control with shutter/blind sys insert (5TC1231) and sys shutter/blind pushbutton (5TC1321)

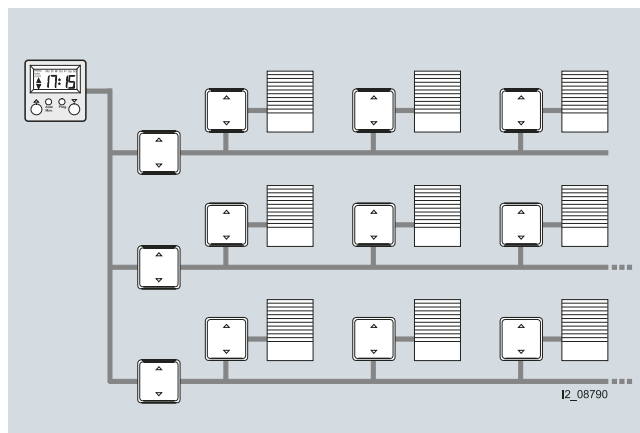


Shutter/blind control with Comfort shutter/blind control complete assembly (5TC1521) and sun sensor (5TC1526)

##### *Group and central controls, demonstrated using i-system titanium white*



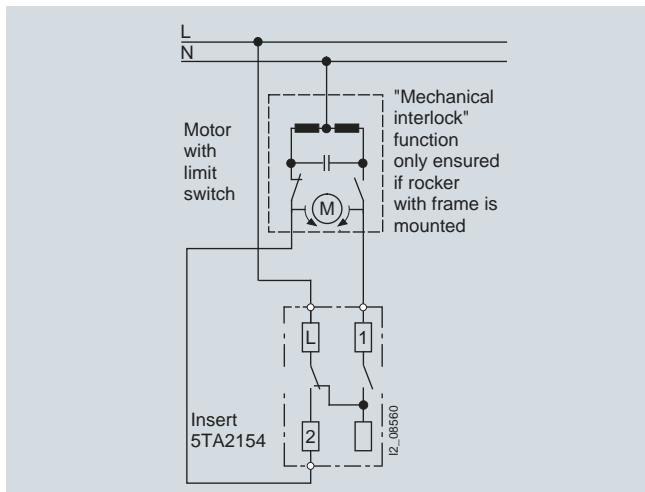
Shutter/blind control with sys shutter/blind inserts (5TC1231) and Shutter/blind sys pushbuttons (5TC1321)



Shutter/blind control with sys shutter/blind inserts (5TC1231) and sys shutter/blind pushbuttons (5TC1321) and shutter/blind control complete assembly (5TC1520) or Comfort shutter/blind control (5TC1521)

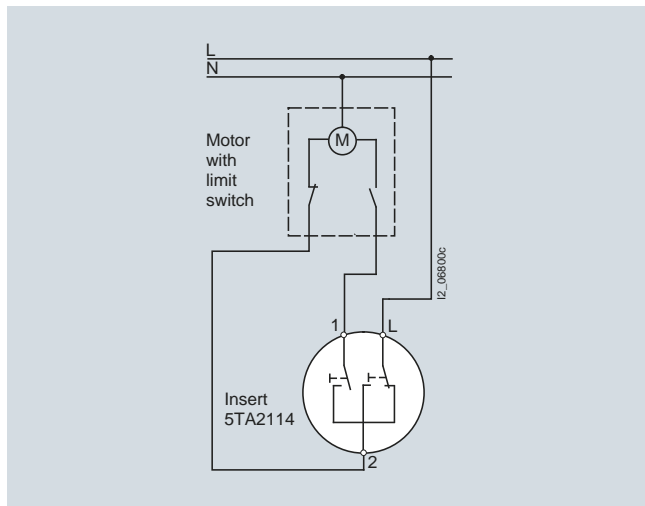
Shutter/blind switches, with electrical and mechanical interlock (5TA2154)

**Schematics**



Shutter/blind pushbuttons, with electrical interlock

**Schematics**

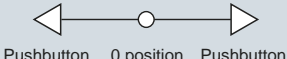
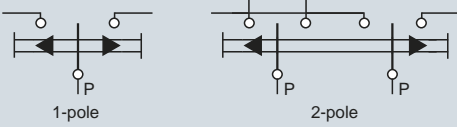
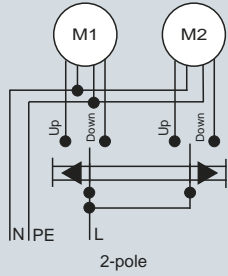
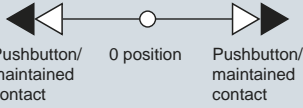
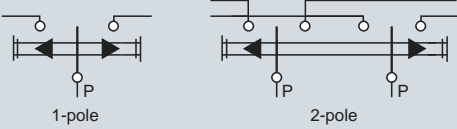
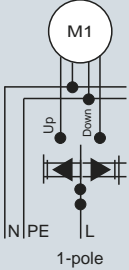


## Technical Information

### Shutter/Blind Controls

#### Shutter/blind knob-operated switches

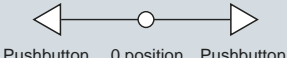
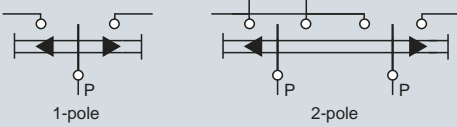
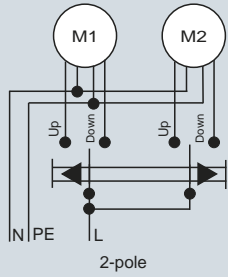
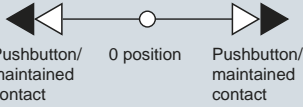
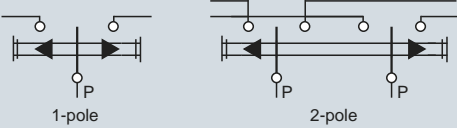
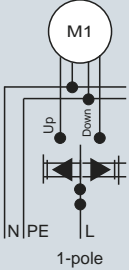
##### Schematics

Symbols	Circuit diagram	Application example
 <p>Pushbutton 0 position Pushbutton</p>	 <p>1-pole 5TA7663 5TA7674</p> <p>2-pole</p>	 <p>2-pole</p>
 <p>Pushbutton/ maintained contact 0 position Pushbutton/ maintained contact</p>	 <p>1-pole 5TA7660 5TA7671</p> <p>2-pole 5TA7661 5TA7672</p>	 <p>1-pole</p>

I2\_12185

#### Shutter/blind key-operated switches

##### Schematics

Symbols	Circuit diagram	Application example
 <p>Pushbutton 0 position Pushbutton</p>	 <p>1-pole 5TA7666 5TA7677</p> <p>2-pole 5TA7667 5TA7678</p>	 <p>2-pole</p>
 <p>Pushbutton/ maintained contact 0 position Pushbutton/ maintained contact</p>	 <p>1-pole 5TA7664 5TA7675</p> <p>2-pole 5TA7665 5TA7676</p>	 <p>1-pole</p>

I2\_12186



Shutter/blind key-operated switches, for master-key systems

**Overview**

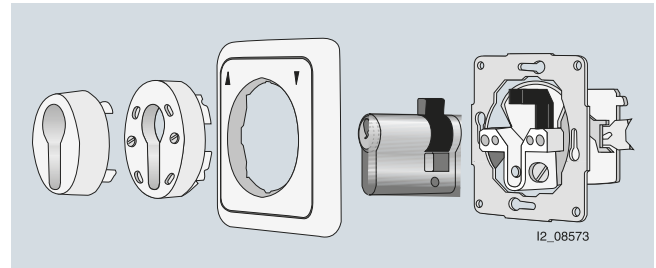
All profile semicylinders must comply with DIN 18252 with approx. 40 mm overall length. Examples:

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**

Symbols	Circuit diagram	Application example

12\_12/167

## Technical Information

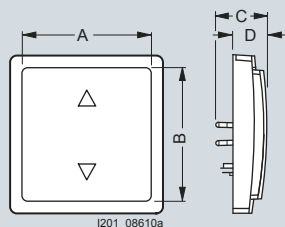
### Shutter/Blind Controls

#### 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	Plastic
• Enclosure	i-system 55 x 55 x 24 mm (incl. spring)
• Dimensions (L x W x D)	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 sys shutter/blind control insert
Electrical safety	
• Pollution degree	2
• Degree of protection (acc. to IEC 60664-1)	IP20
• Degree of protection (acc. to EN 60529)	
• Overvoltage category	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	5 ... 93 %
(non-condensing)	
CE marking	According to EMC Directive (residential buildings), Low Voltage Directive

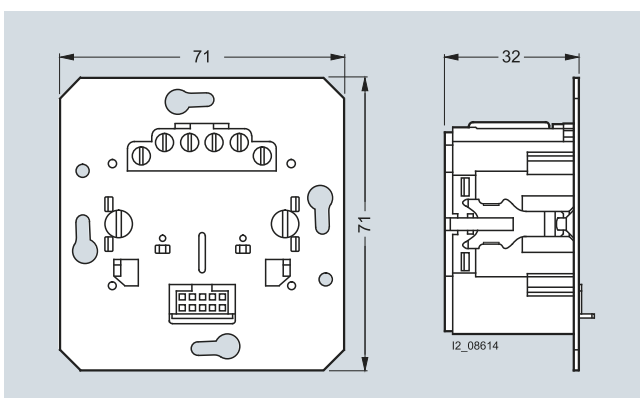
#### Dimensional drawings



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

**Technical specifications**

Power supply	Mains connection 230 V Rated voltage: 230 V AC, 50 Hz
Outputs <ul style="list-style-type: none"> <li>• Output channel (UP/DOWN)</li> <li>• Rated voltage</li> <li>• Rated current</li> <li>• Switching capacity</li> <li>• Max. duty ratio of the relay</li> <li>• Switchover interval between UP and DOWN operation</li> <li>• Relay ON period for STEP command</li> <li>• System interruptions</li> </ul>	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: <ul style="list-style-type: none"> <li>• 0.5 ... 2.5 mm<sup>2</sup> solid</li> <li>• 0.5 ... 1.5 mm<sup>2</sup> finely stranded with end sleeve without insulating collar (gas-tight crimp connection)</li> </ul> <b>Caution: If the conductors need to be looped through, only conductors with max. 1.5 mm<sup>2</sup> can be used</b>
Mechanical specifications <ul style="list-style-type: none"> <li>• Enclosure</li> <li>• Dimensions</li> <li>• Weight</li> <li>• Fire load</li> <li>• Mounting</li> </ul>	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 <ul style="list-style-type: none"> <li>• Pollution degree (acc. to IEC 60664-1)</li> <li>• Degree of protection (acc. to EN 60529)</li> <li>• Overvoltage category (acc. to IEC 60664-1)</li> <li>• Relay</li> </ul>	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 <ul style="list-style-type: none"> <li>• Resistance to climate</li> <li>• Ambient operating temperature</li> <li>• Storage temperature</li> <li>• Relative humidity (non-condensing)</li> </ul>	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**


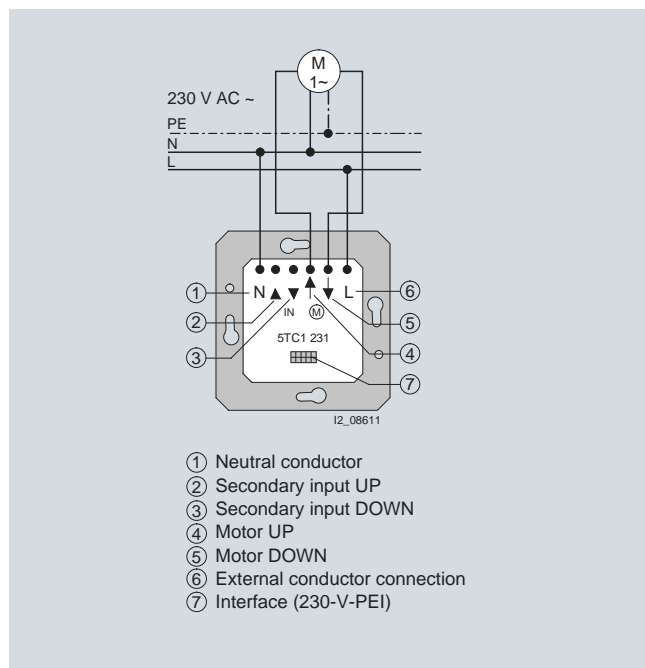
## Technical Information

### Shutter/Blind Controls

#### sys shutter/blind control inserts (5TC1231)

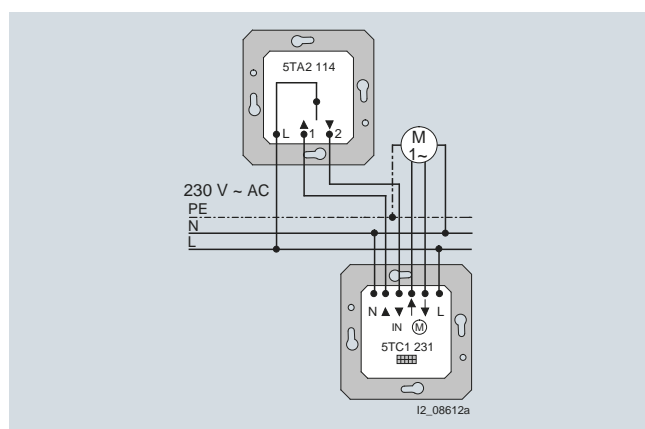
#### Schematics

##### Sample connection



##### Application options

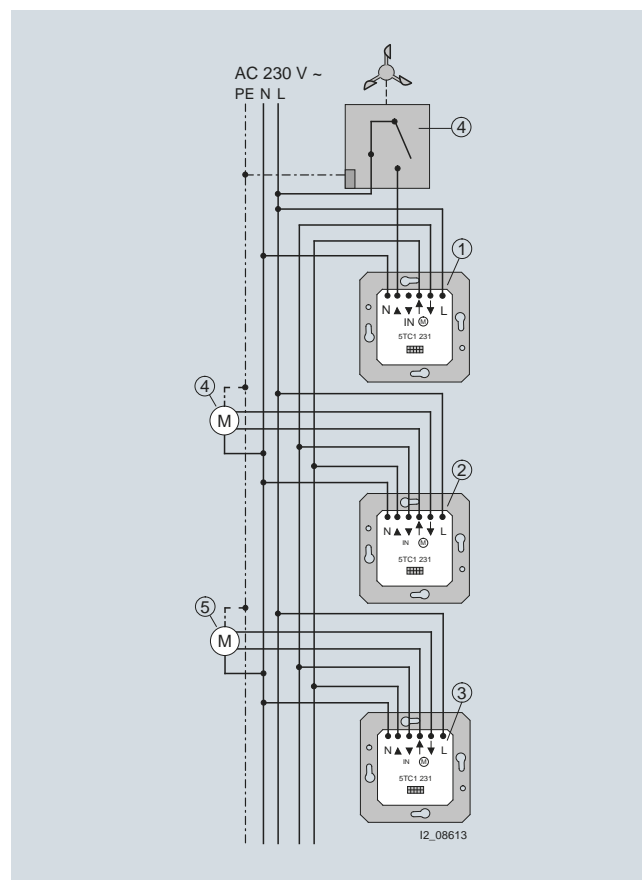
##### Example 1: Shutter/blind control with conventional extension units



When using the shutter/blind pushbutton (5TA2114), 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:

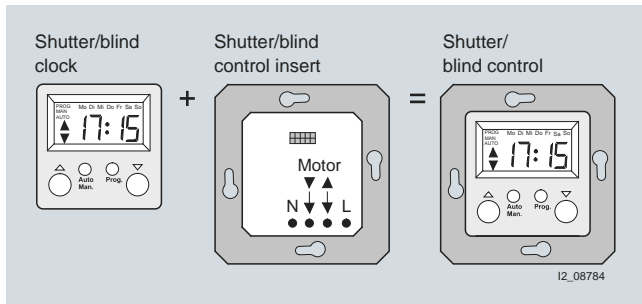
- It is not permissible to use a shutter/blind control sys insert as the central operating point and directly operate a shutter/blind motor.
- When protecting the central operating point against short circuit using a separate residual current operated circuit breaker, both circuits must be isolated in 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.

## Overview

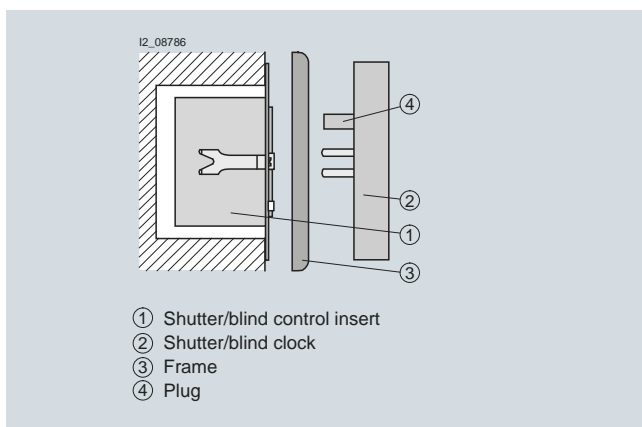


Form of delivery for the shutter/blind control

### 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:

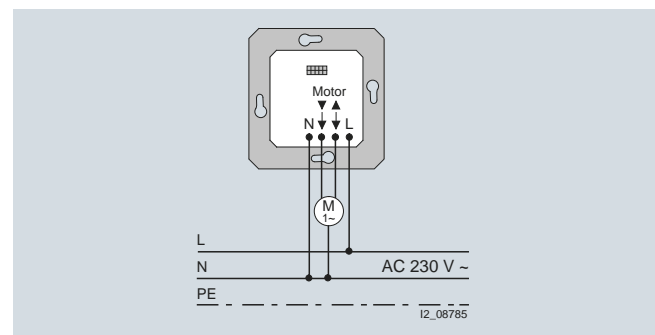
- Switching time 1: ↑ 07:00, Mo. to Fr.
- Switching time 2: ↓ 20:00, Mo. to Fr.
- Switching time 3: ↑ 09:00, Sa. to Su.
- Switching time 4: ↓ 20:00, Sa. to Su.

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

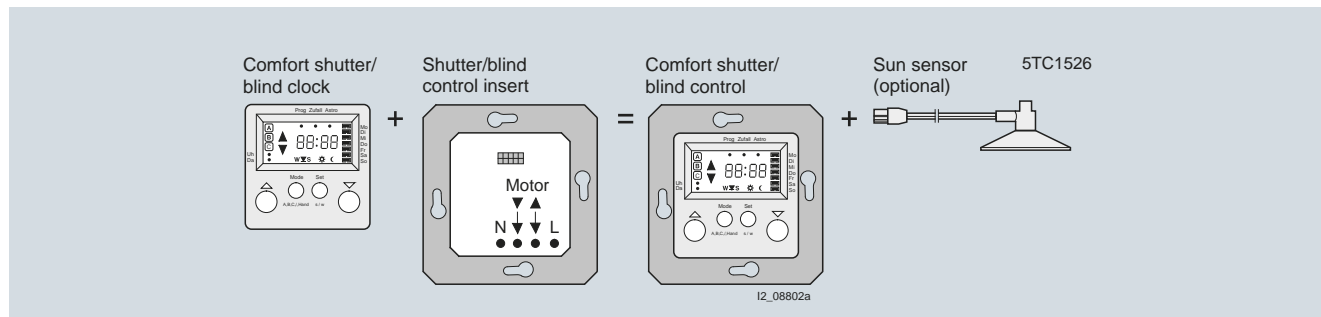


## Technical Information

### Shutter/Blind Controls

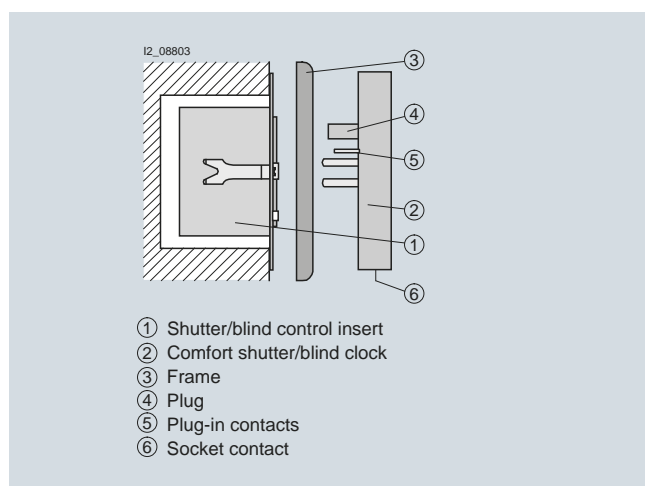
#### Comfort shutter/blind controls

#### Overview



Form of delivery for the Comfort shutter/blind control

#### Design

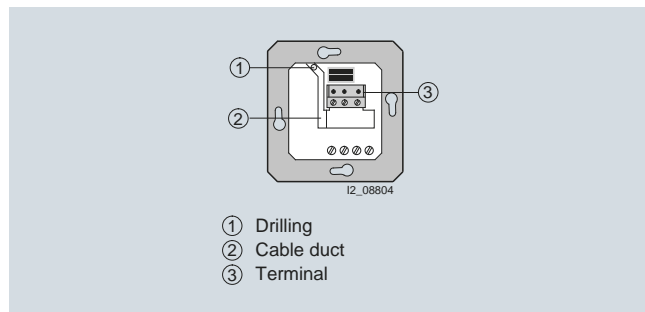


#### Connection options for the sun sensor cable

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



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.

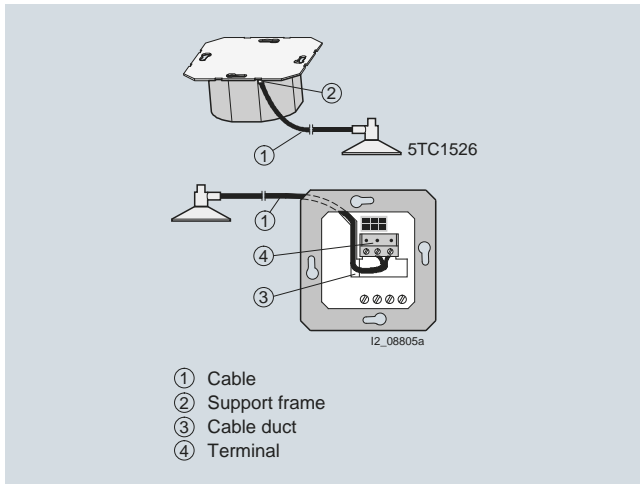
The Comfort shutter/blind clock ② is plugged onto the insert with the frame ③.

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.

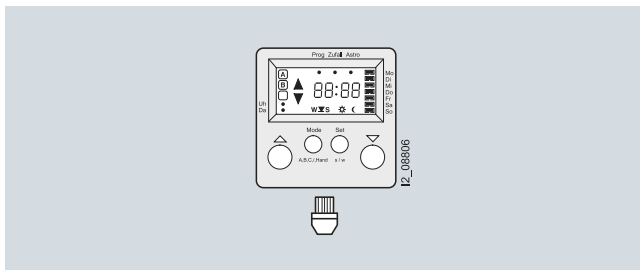
When choosing the flush-mounting routing of the sun sensor cable, a suitable cable must be selected. Recommendation: J-Y(ST)Y 2 x 2 x 0.6 mm (telephone cable). The plug at the sun sensor must be removed. The individual wires of the sensor cable are isolated and connected with the selected cable in a 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.

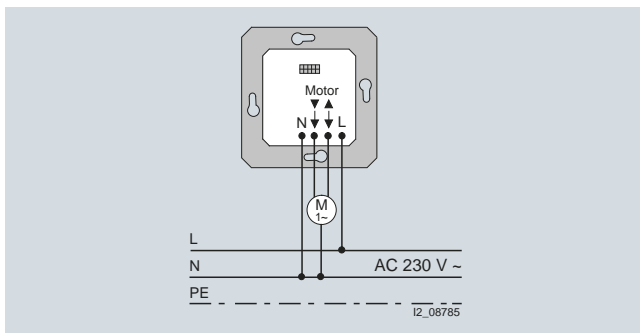
**Surface-mounting routing of the sun sensor cable**


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**


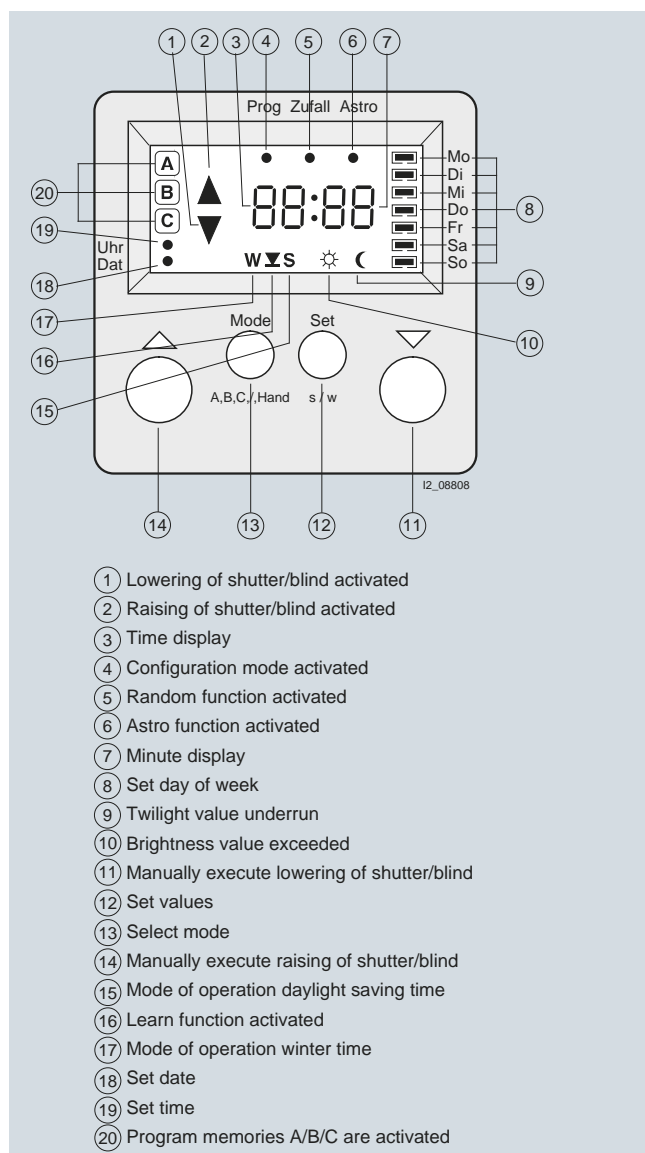
## Technical Information

### Shutter/Blind Controls

#### Comfort shutter/blind controls

#### Programming

##### Operating and display elements



##### 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.



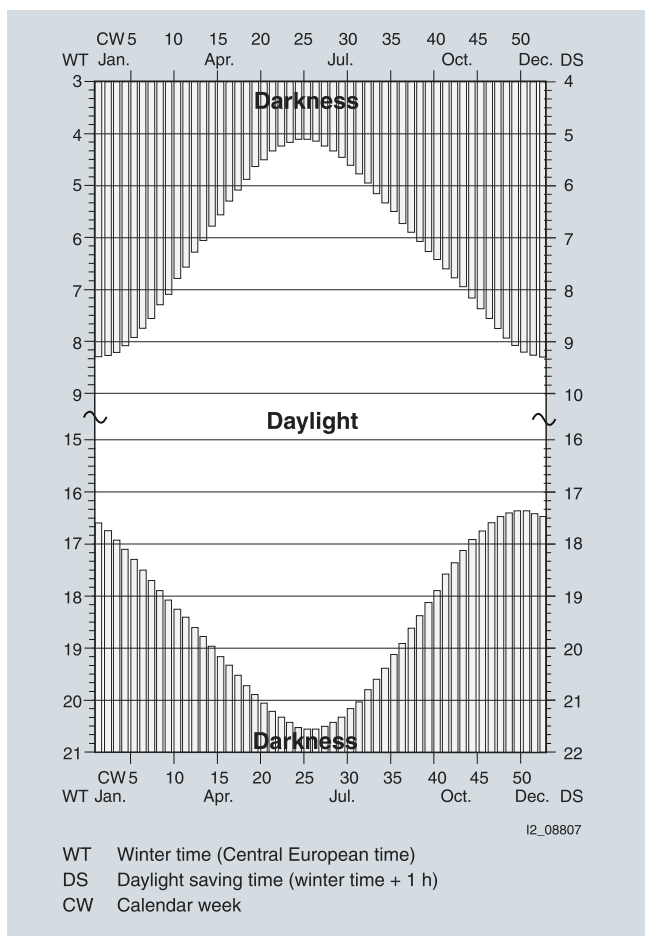
### Adjusting the astro time for sunrise and sunset

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).



#### 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.

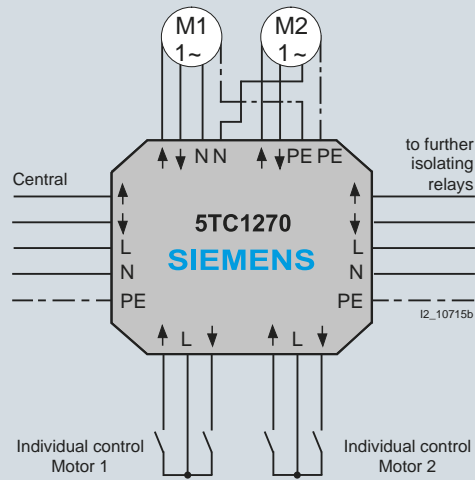
Switching times without astro are executed at the programmed instant, irrespective of the current brightness level.

# Technical Information

## Shutter/Blind Controls

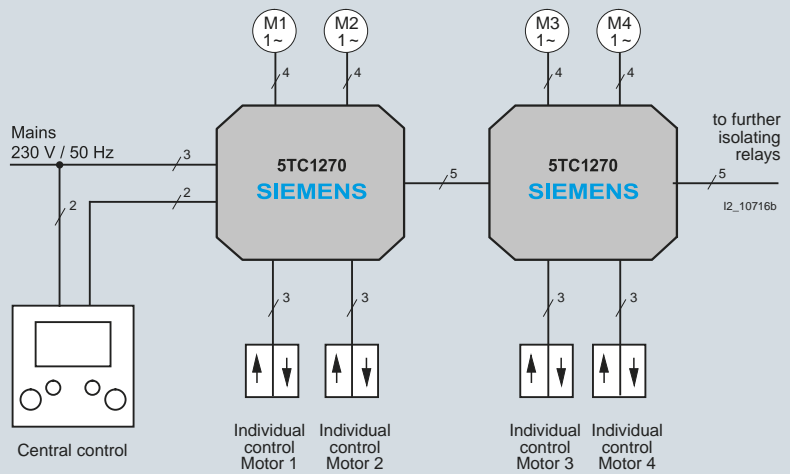
### Shutter/blind control flush-mounting isolating relays (5TC1270)

#### Schematics

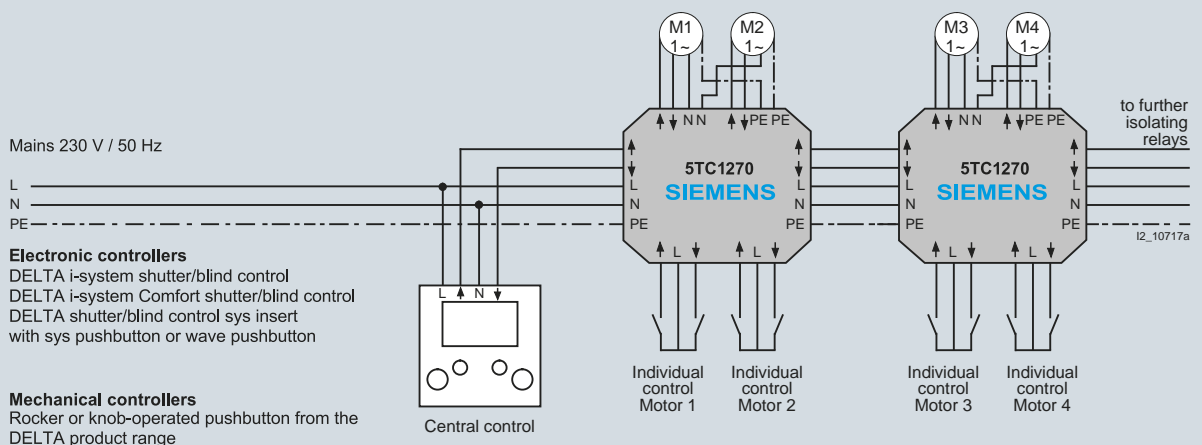


Sample connection

- 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



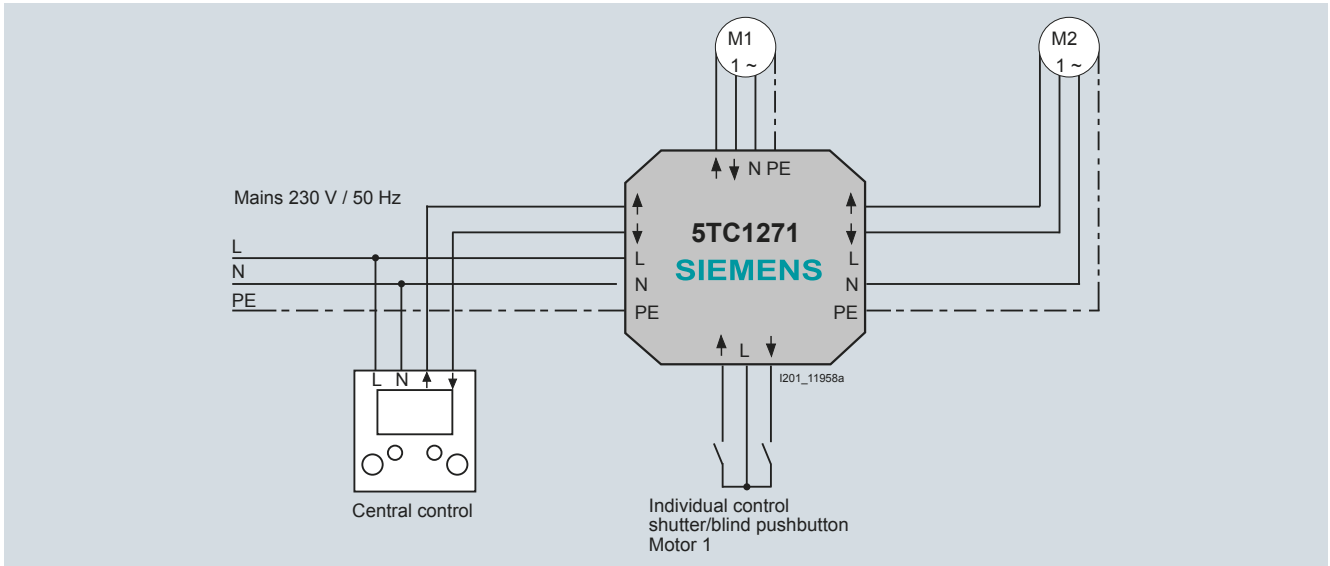
Wiring diagram



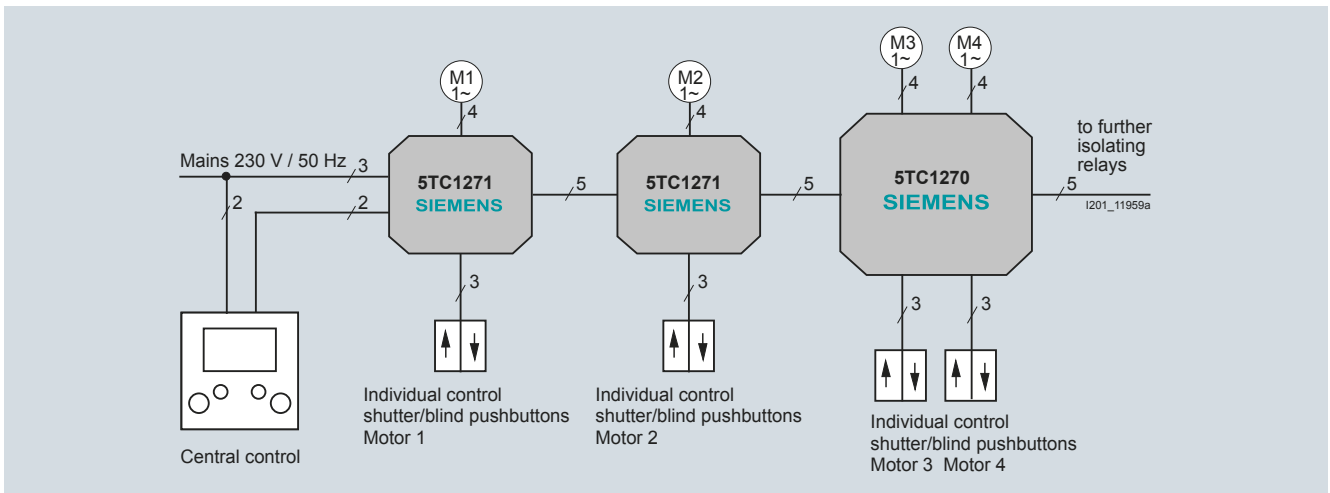
Wiring diagram

Shutter/blind control flush-mounting isolating relays, compact (5TC1271)

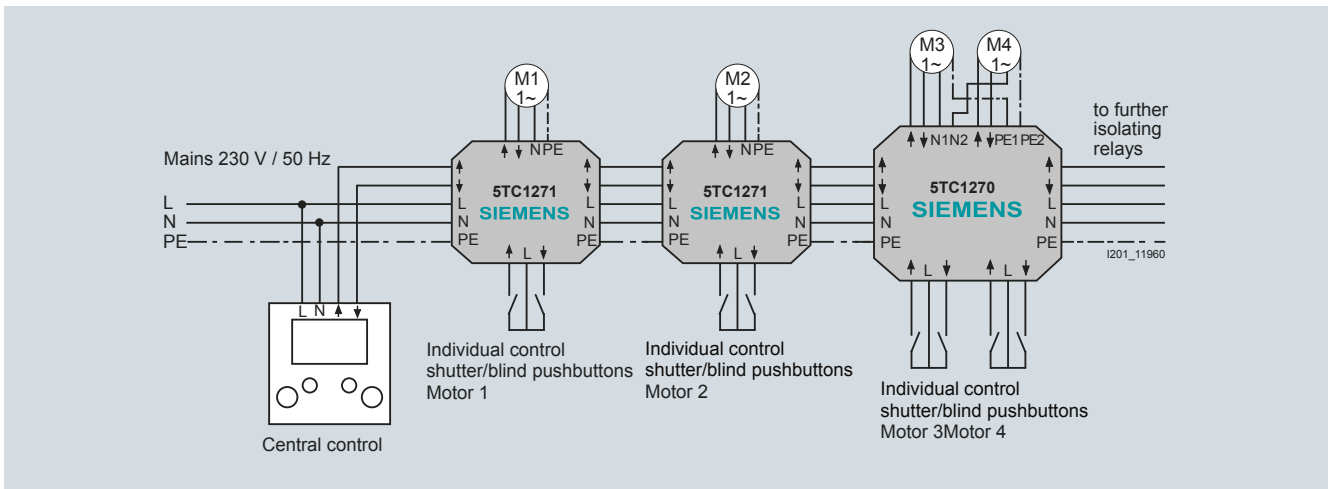
Schematics



Sample connection



Wiring diagram



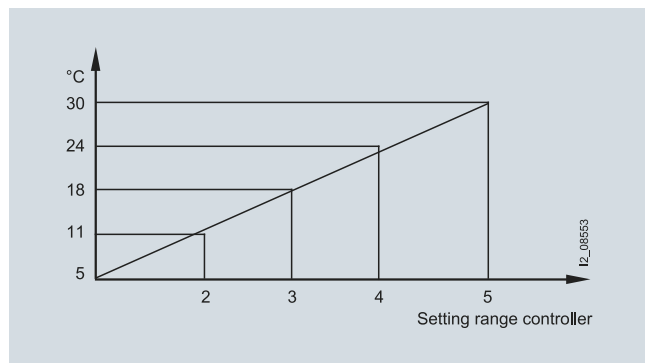
Wiring diagram

## Technical Information

### Room Temperature Controllers

#### Room temperature controllers, 1 NC contact (5TC9200)

##### Function

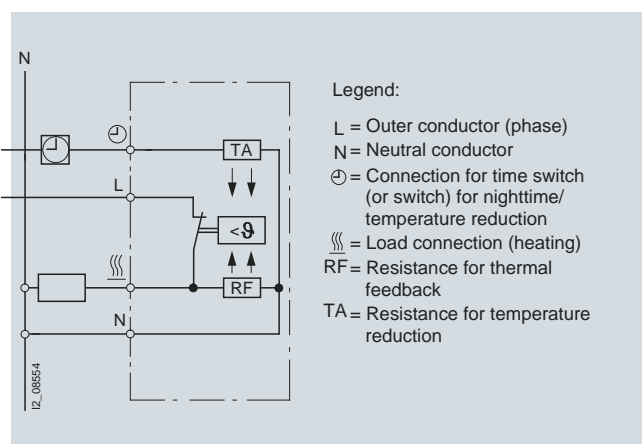


Range restriction in the setting button

##### Technical specifications

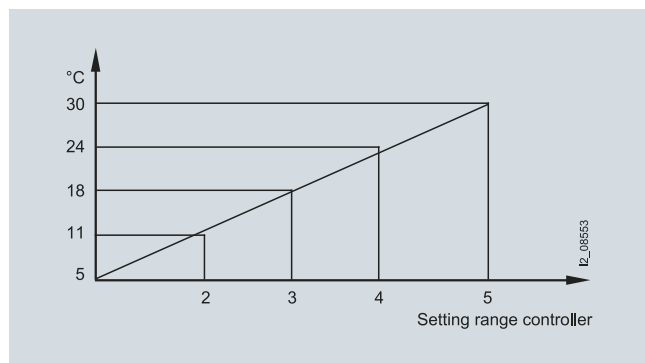
Temperature range	5 ... 30 °C
Operational voltage	230 V AC, 50/60 Hz
Switch contact	1 NC contact
Rated current	10 (4) A
Switching temperature difference	Approx. 0.5 K
Temperature reduction	Approx. 4 K
Degree of protection/safety class	IP30/totally insulated

##### Schematics



#### Room temperature controllers, 1 CO contact (5TC9201)

##### Function

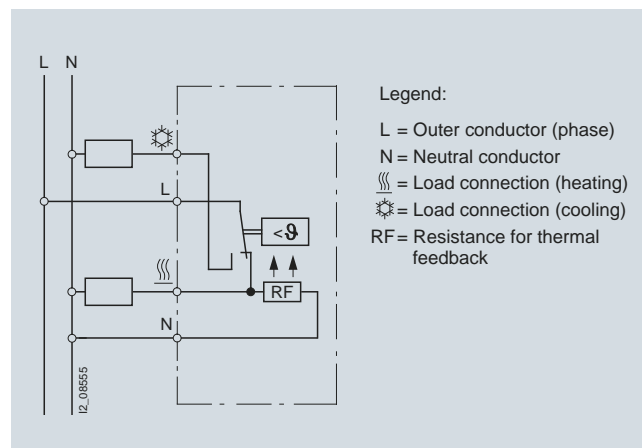


Range restriction in the setting button

##### Technical specifications

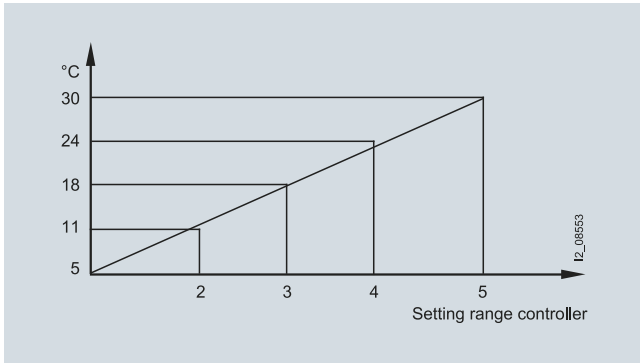
Temperature range	5 ... 30 °C
Operational voltage	230 V AC, 50/60 Hz
Switch contact	1 CO contact
Rated current	10 (4) A (heating) 5 (2) A (cooling)
Switching temperature difference	Approx. 0.5 K
Temperature reduction	Approx. 4 K
Degree of protection/safety class	IP30/totally insulated

##### Schematics



### Room temperature controllers, 3-position switch (5TC9202)

#### Function

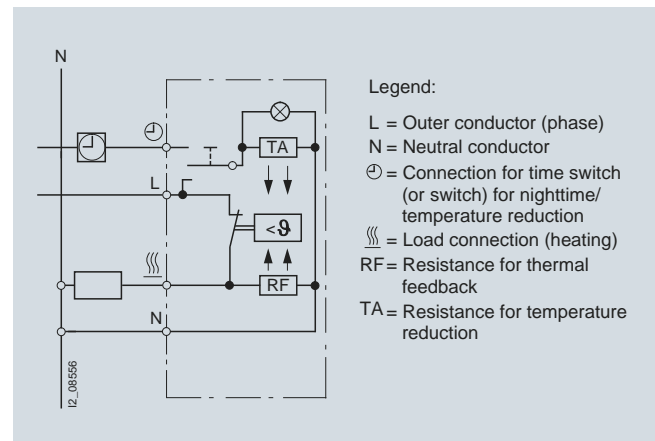


Range restriction in the setting button

#### Technical specifications

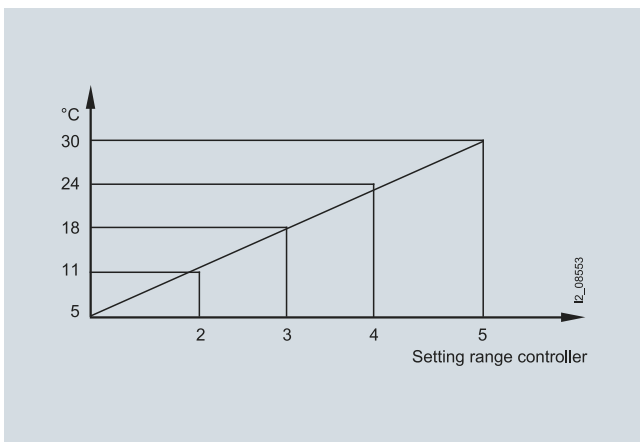
Temperature range	5 ... 30 °C
Operational voltage	230 V AC, 50/60 Hz
Switch contact	1 NC contact
Rated current	10 (4) A (heating)
Switching temperature difference	Approx. 0.5 K
Temperature reduction	Approx. 5 K
Degree of protection/safety class	IP30/totally insulated

#### Schematics



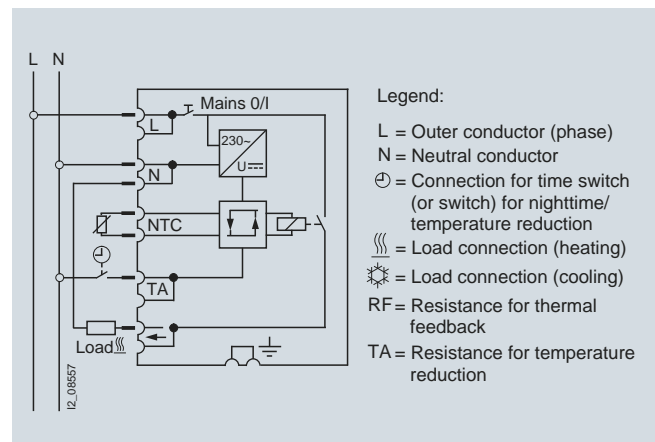
### Room temperature controllers, direct floor heating (5TC9203)

#### Function



Range restriction in the setting button

#### Schematics



## Technical Information

### Room Temperature Controllers

#### Room temperature controllers, direct floor heating (5TC9203)

#### 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

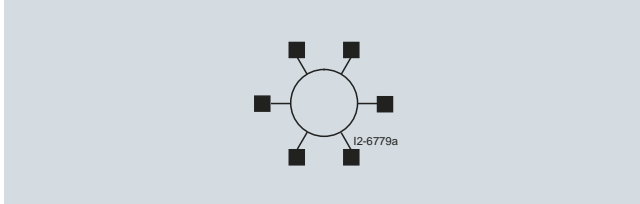
Sensor element	NTC according to DIN 44574
Sensor cable	PVC, 2 x 0.50 mm <sup>2</sup> , length 4 m
Degree of protection	IP68 (according to DIN VDE 0470T1)
Ambient temperature	-25 ... +70 °C

##### Sensor characteristics of measuring instrument $R_i > 1M$

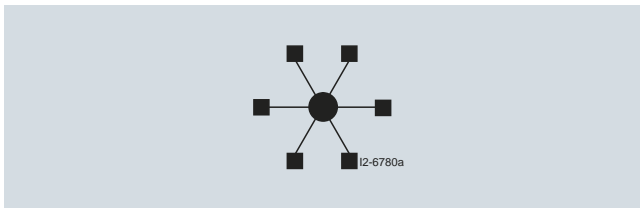
Temperatures in °C	Resistance in kΩ
5	4.527
10	3.657
15	2.974
20	2.432
25	2.000
30	1.655
35	1.379
40	1.151
45	0.968
50	0.816

**Overview**
**Data networks**

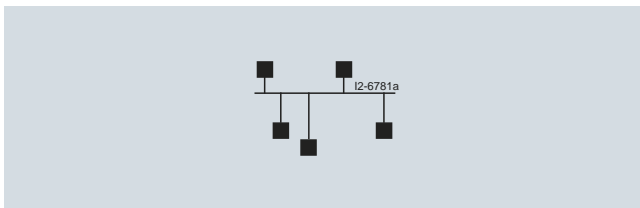
The following three versions are used primarily for the data network:



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 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 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<sup>1)</sup>/TNC<sup>2)</sup> 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<sup>3)</sup>) and telecommunications technology (e.g. as ISDN<sup>4)</sup> 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).

<sup>1)</sup> BNC: Standard bayonet connector

<sup>2)</sup> TNC: Standard threaded connector

<sup>3)</sup> Two twisted cables.

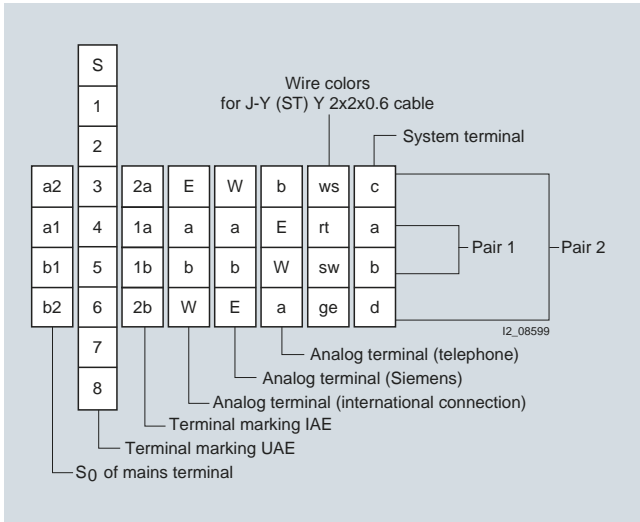
<sup>4)</sup> ISDN: Integrated Services Digital Network

# Technical Information

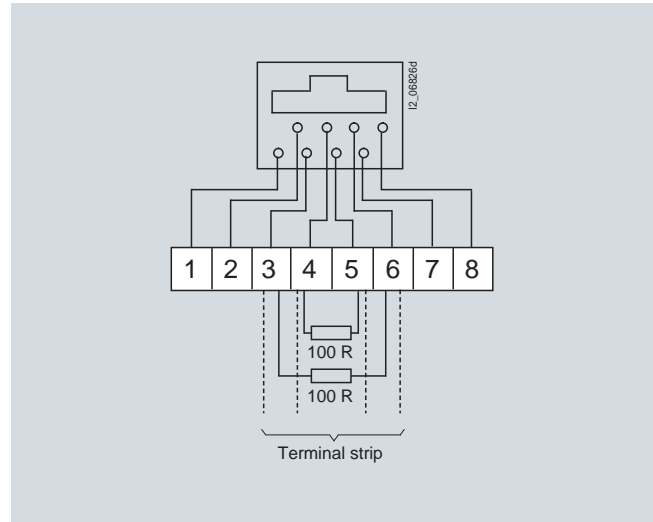
## Communication

### UAE outlet boxes

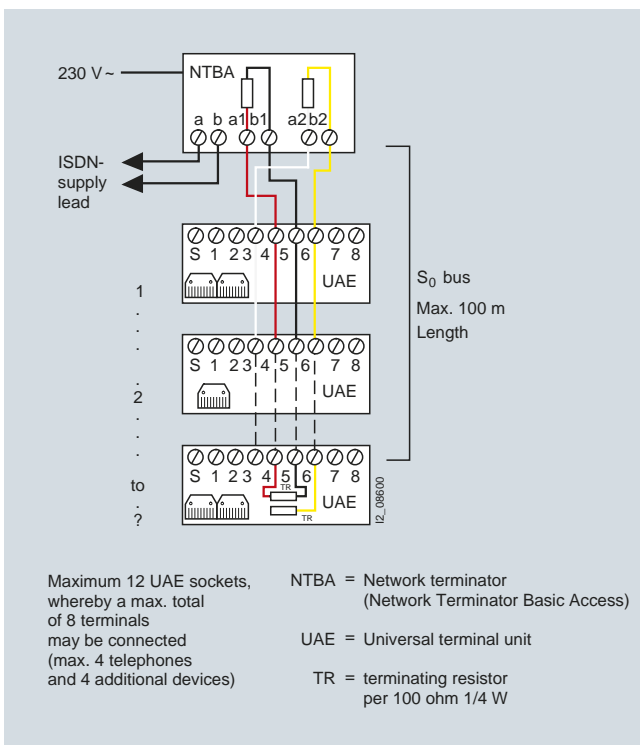
#### Overview



Color coding for analog and ISDN telephone

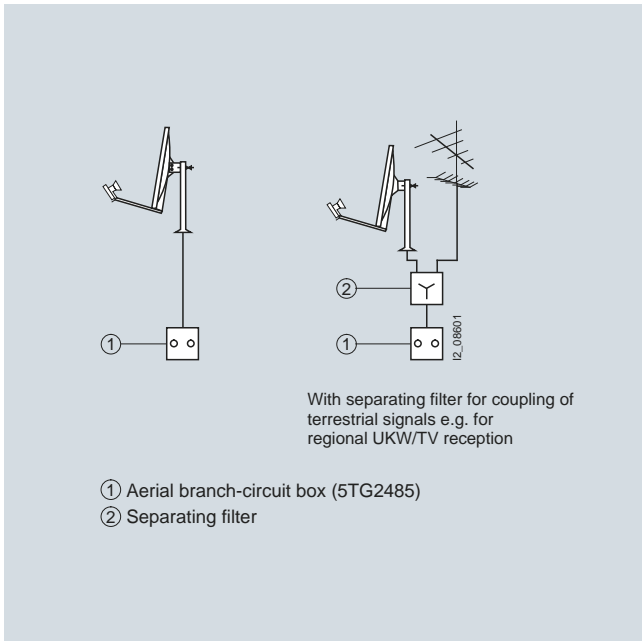


ISDN-telephone outlet boxes point-to-point with WE 8 or UAE 8

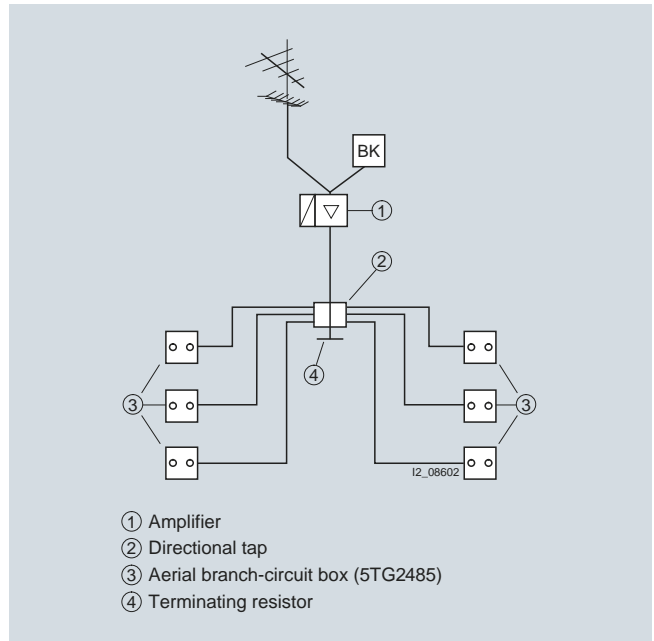




Schematics



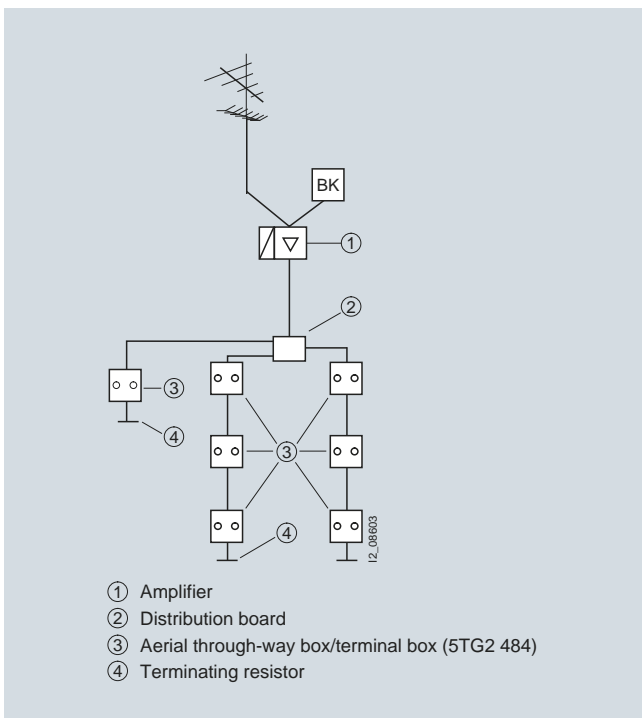
SAT aerial system with universal single LNB for analog and digital reception



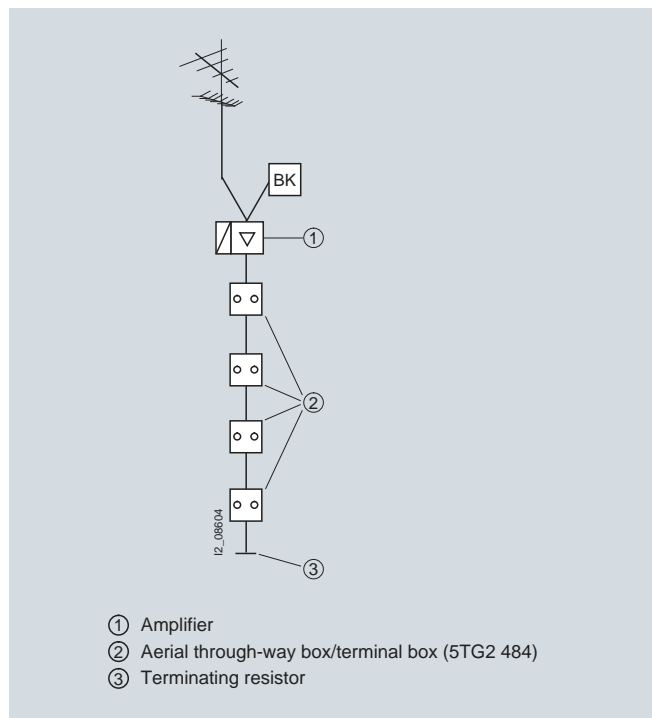
Aerial system, terrestrial and/or broadband cable in star structure

Aerial through-way boxes/terminal boxes

Schematics



Aerial system, terrestrial and/or broadband cable in tree/star structure



Aerial system, terrestrial and/or broadband cable in tree structure

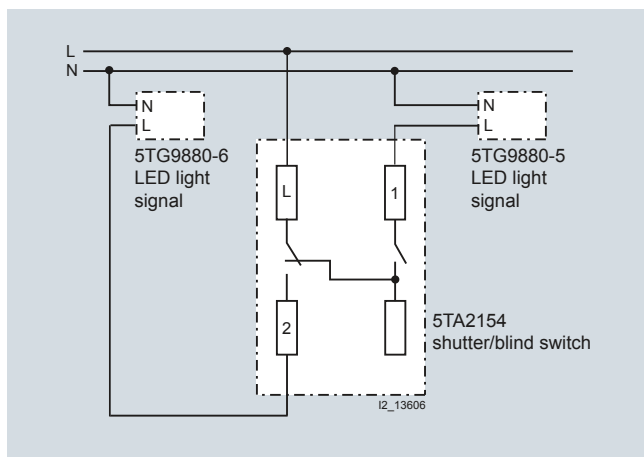
## Technical Information

### m-system

#### LED light signals (5TG9880-x)

#### 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.
<b>Items required for traffic signal function</b>	
• LED light signals, red, illuminated	5TG9880-5
• LED light signals, green, illuminated	5TG9880-6
• Module carriers, 2M, for DELTA line, titanium white, m-system	5TG2010
• Frames, 80-mm, single, titanium white, DELTA line	5TG2551-0
<b>Items required for control of traffic signal function</b>	
• Shutter/blind switches, with electrical and mechanical interlock	5TA2154
• Rockers, double, with labeling field, titanium white, i-system	5TG6212
• Frames, 80-mm, single, titanium white, DELTA line	5TG2551-0

## Appendix



17/2	<b>Catalog notes</b>
17/3	<b>Ordering notes</b>
17/4	<b>Further documentation</b>
17/8	<b>Quality management</b>
17/9	<b>Siemens contacts</b>
17/10	<b>Service &amp; Support</b>
17/11	<b>Comprehensive support from A to Z</b>
17/12	<b>Order number index</b>
17/18	<b>Conditions of sale and delivery</b>

## Appendix

### 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 [siemens.com/lowvoltage/support](https://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](https://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.

## Logistics

### General

With regard to delivery service, communications and environmental protection, our logistics service ensures "quality from the moment of ordering right through to delivery". By designing our infrastructure according to customer requirements and implementing electronic order processing, we have successfully optimized our logistics processes.

We are proud of our personal consulting service, on-time deliveries and 1-day transport within Germany.

### To this end, we supply preferred types marked with } ex works.

We regard the ISO 9001 certification and consistent quality checks as an integral part of our services.

Electronic order processing is fast, cost-efficient and error-free. Please contact us if you want to benefit from these advantages.

### Packaging, packing units

The packaging in which our equipment is dispatched provides protection against dust and mechanical damage during transport, thus ensuring that all our products arrive in perfect condition.

We select our packaging for maximum environmental compatibility and reusability (e.g. crumpled paper for protection during transport in packages up to 32 kg) and, in particular, with a view to reducing waste.

With our multi-unit and reusable packaging, we offer you specific types of packaging that are both kind to the environment and tailored to your requirements:

#### Your advantages at a glance:

- Lower order costs.
- Cost savings through uniform-type packaging: low/no disposal costs.
- Reduced time and cost thanks to short unpacking times.
- "Just-in-time" delivery directly to the production line helps reduce stock: cost savings through reduction of storage areas.
- Fast assembly thanks to supply in sets.
- Standard Euro boxes – corresponding to the Euro pallet modular system – suitable for most conveyor systems.
- Active contribution to environmental protection.

Unless stated otherwise in the "Selection and ordering data" of this catalog, our products are supplied individually packed.

For small parts/accessories, we offer you cost-effective packaging units as standard packs containing more than one item, e.g. 5, 10, 50 or 100 units. It is essential that whole number multiples of these quantities be ordered to ensure satisfactory quality of the products and problem-free order processing.

The products are delivered in a neutral carton. The label includes warning notices, the CE marking, and device descriptions in English and German.

In addition to the Article No. (MLFB) and the number of items in the packaging, the operating instructions article number (Instr.-Order-No.) is also specified. It can be obtained from your local Siemens representative (for a list of your Siemens contacts, see [www.siemens.com/lowvoltage/contact](http://www.siemens.com/lowvoltage/contact)).

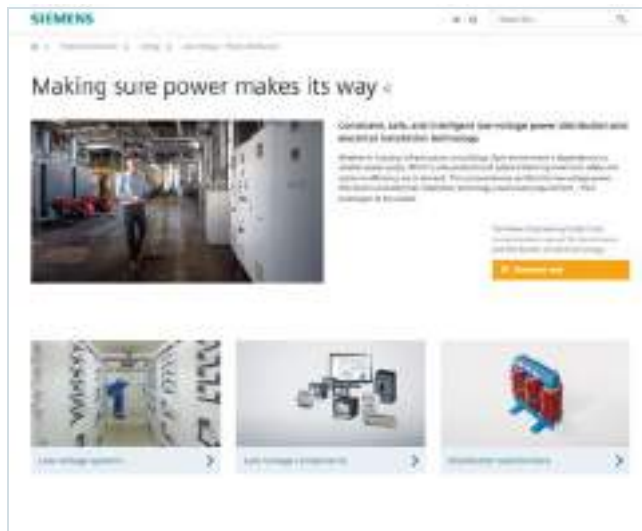
Most device Article Nos. can be obtained by means of the EAN barcode to simplify ordering and storage logistics.

The associated master data, too, is available from your local Siemens representative.

## Appendix

### Further documentation

#### Low-Voltage Power Distribution and Electrical Installation Technology on the WWW



We regard product support to be just as important as the products and systems themselves.

Visit our website for a comprehensive offering of support for low-voltage power distribution and electrical installation products, such as:

- Overview of the entire product portfolio
- Keeping up to date via newsletters, podcasts, blogs and Twitter
- Access to interesting videos on YouTube
- Contact with partners around the world
- Operating instructions and manuals for direct download and much more – all conveniently and easily accessible.

[www.siemens.com/lowvoltage](http://www.siemens.com/lowvoltage)

#### Product selection using the interactive catalog CA 01



The interactive catalog CA 01 covers more than 100,000 products, thus providing a comprehensive overview of the product range provided by Siemens.

You can find everything you need here for solving automation, switching, installation and drive technology tasks. All information is provided over a user interface that is both user-friendly 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 about the interactive catalog CA 01 can be found on the Internet at:

[www.siemens.com/automation/ca01](http://www.siemens.com/automation/ca01)

or on DVD.

#### Industry Mall



#### **The Industry Mall – for online information, product selection and ordering**

- Detailed information including product data, illustrations, certificates and CAX data
- Simple configuring of systems
- Possible to request individualized quotations
- Availability check
- Online ordering facility
- Order tracking/order overview
- Fast access to relevant training offers and services

You can find the Industry Mall on the Internet at

[www.siemens.com/industrymall](http://www.siemens.com/industrymall)

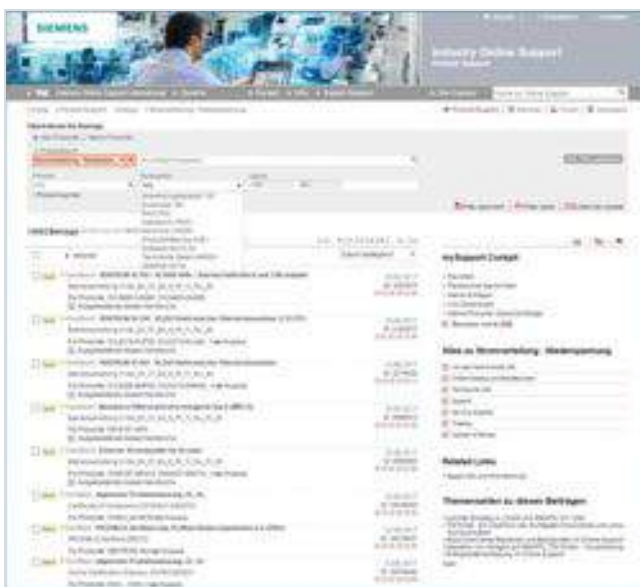
## Industry Online Support

**Comprehensive support – at any time, whatever your location**

- FAQs, sample applications, information about successor products and product news
- Prompt assistance with technical queries
- Discussions and best practice sharing with other users in the forum
- Provision of high-quality product data for your planning programs
- Faster access to information – with helpful filter and folder functions in mySupport
- Automatic notification service to keep you up to date with the latest information about topics of interest to you

You can find Siemens Industry Online Support on the Internet at

[www.siemens.com/online-support](http://www.siemens.com/online-support)



You will find the following information via the selection field "Contribution type" in Product Support:

- Application example - Download
- FAQ
- Manual
- Characteristic curve
- Product release - Software archive
- Technical data - Certificate

[siemens.com/lowvoltage/product-support](http://siemens.com/lowvoltage/product-support)

In addition, the catalogues for low-voltage power distribution and electrical installation technology are also available there [www.siemens.de/lowvoltage/kataloge](http://www.siemens.de/lowvoltage/kataloge)

## Appendix

### Further documentation

#### Industry Online Support App



#### Main functions at a glance

- Scanning of product codes (EAN/QR and data matrix codes) with direct display of all technical information on the product, including graphic data (CAX data).
- Delivery of product information or entries by email, so that the information can immediately be processed at the workplace.
- Submission of queries to Technical Support (Support Requests). With photo function for transmitting detailed information.
- Contents and interfaces available in 6 languages (German, English, French, Italian, Spanish and Chinese) – including option of temporary switchover to English.
- Offline cache function for all favorites stored in "mySupport". These entries can also be retrieved without network reception.
- Import of PDF documents into a library (e.g. iBooks or similar).



#### Android:



#### Apple iOS:



#### Windows:





## Product configurator



### Finding the right product faster

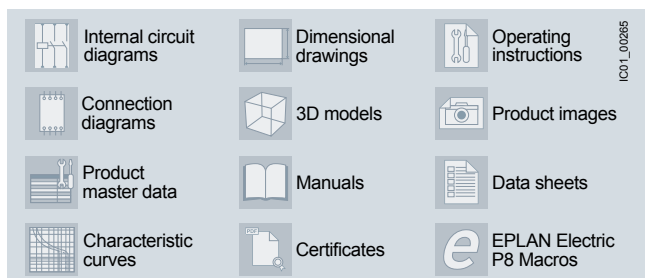
- Complete selection of products and systems based on technical characteristics or application requirements
- Simple, intuitive operation
- Option to save the configuration and order lists in a file format of your choice (txt, pdf, xls, csv)
- Direct transfer of the order list into the shopping cart of the Siemens Industry Mall
- Fast access to product data, diagrams, certificates and CAx data for the selected product and system configuration
- Available in multiple languages for use by customers anywhere in the world

The configurators are available online in the Siemens Industry Mall and offline in Catalog CA 01.

You can find our configurators at the following website:

[www.siemens.com/lowvoltage/configurators](http://www.siemens.com/lowvoltage/configurators)

## CAx Download Manager



You can find the CAx Download Manager on the Internet at

[www.siemens.com/lowvoltage/cax](http://www.siemens.com/lowvoltage/cax)

### Time savings of up to 80 % with universal product data for your CAE and CAD systems

The CAx Download Manager can supply you with all the necessary CAx file types for the products of your choice for use in all common CAE and CAD systems. The data contained in the files is continuously updated. The whole process involves only four selection steps and is free of charge. All your selected files are packed into a zip file which you can download for further use.

Siemens makes available up to 12 file types to support your mechanical (CAD) and electrical (CAE) planning processes for you to download at any time of the day.

- No manual data collection necessary
- Universal manufacturer data for all common CAE and CAD systems
- Standardized documentation is simple to generate
- Choice of different languages for system commissioning anywhere in the world

## My Documentation Manager



In "mySupport" you can compile individual documentation for your project by dragging and dropping

\* e.g. Low Voltage Directive 2006/95/EC and EC Machinery Directive 2006/42/EC

You can find My Documentation Manager on the Internet at

[www.siemens.com/lowvoltage/mdm](http://www.siemens.com/lowvoltage/mdm)

### User-friendly compilation of project-specific documentation

In accordance with directives\*, the documentation is part of the plant and requires certification, thus giving the purchaser the right to full plant documentation.

To support you in this, a manual configurator has been developed with which you can put together individual and standard-compliant documentation – fully in accordance with the relevant project-specific requirements.

You can thus select the chapters relevant to the respective project from the available manuals of the installed Siemens components. FAQs, certificates, data sheets and your own content can also be incorporated.

- Compile and structure manuals, data sheets, FAQs and certificates simply by dragging and dropping
- Insert personalized content via the Notes function
- Further processing possible thanks to selectable export formats (pdf, xml, rtf)
- After generating the documentation, automatic translation into the desired language is possible
- Always up-to-the minute thanks to the Update function

## Appendix

### Quality management

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#### Overview

The quality management system of our "Low Voltage & Products" Business Unit in the "Energy Management" Division complies with the international EN ISO 9001 standard.

The products and systems listed in this catalog are developed and manufactured using a certified quality management system in accordance with EN ISO 9001:2008.

### Contacts for low-voltage power distribution and electrical installation technology



With low-voltage power distribution and electrical installation technology we consistently pursue one goal:

long-term improvement of your competitive ability.

We are committed to this goal. Thanks to our dedication, we are continually setting new standards. In all industries – worldwide.

At your service, locally, around the globe: Partners for consulting, sales, training, service, support, spare parts ... on the entire range of low-voltage power distribution and electrical installation technology.

Your personal contact can be found in our Contact Database at

[www.siemens.com/lowvoltage/contact](http://www.siemens.com/lowvoltage/contact)

You start by selecting

- Required competence
- Product or sector
- Country
- City

or by performing a

- search for a specific location or
- individual



## Appendix

### Service & Support

#### The unmatched complete service for the entire life cycle

##### Industry Online Support



The Industry Online Support is a comprehensive information system for all questions relating to products, systems and solutions that Siemens has developed for industry over time.

More detailed information is available at  
[www.siemens.com/online-support](http://www.siemens.com/online-support)  
[siemens.com/lowvoltage/product-support](http://siemens.com/lowvoltage/product-support)

##### Field Service



Siemens Field Service offers support with all aspects of maintenance – so that the availability of your machines and plants is assured whatever the case.

In Germany:  
 Tel.: +49 (180) 524-7000

##### Technical Support



The competent consulting service for technical issues with a broad range of customer-oriented services for all our products and systems.

More detailed information is available at  
[www.siemens.com/lowvoltage/technical-support](http://www.siemens.com/lowvoltage/technical-support)

In Germany:  
 Tel.: +49 (911) 895-7222

For DELTA products/projects contact:  
[exportdpmt.es@siemens.com](mailto:exportdpmt.es@siemens.com)

##### Spare Parts/Returns Processing



We are the hub and contact point for all German customers for the complete processing of the spare part, exchange and returned goods business, from the initial customer inquiry through to the settlement of invoices.

- Spare part ordering
- Exchange part deliveries
- Repairs, express repairs
- Buy-back
- Returning new parts
- Special processes subject to agreement

You will find further information at  
[www.siemens.com/lowvoltage/retouren-center](http://www.siemens.com/lowvoltage/retouren-center)

In Germany:  
 Tel.: +49 (911) 895-7448

For DELTA products/projects contact:  
[exportdpmt.es@siemens.com](mailto:exportdpmt.es@siemens.com)

##### Training



Extend your lead – with practice-related know-how straight from the manufacturer.

More detailed information is available at  
[www.siemens.com/lowvoltage/training](http://www.siemens.com/lowvoltage/training)

##### Specification texts

You can obtain qualified, free support to help you produce specifications for technically equipping non-residential and industrial buildings at

[www.siemens.com/specifications](http://www.siemens.com/specifications)

## Overview

Product information	
<b>Website</b>	Fast and targeted information about low-voltage power distribution: <a href="http://www.siemens.com/lowvoltage">www.siemens.com/lowvoltage</a>
<b>Newsletter</b>	Always up to date about our forward-looking products and systems: <a href="http://www.siemens.com/lowvoltage/newsletter">www.siemens.com/lowvoltage/newsletter</a>
Product information/product & system selection	
<b>Information and download center</b>	Current catalogs, customer magazines, brochures, demo software and promotion packages: <a href="http://www.siemens.com/lowvoltage/infomaterial">www.siemens.com/lowvoltage/infomaterial</a>
<b>Industry Mall</b>	Comprehensive information and order platform for the Siemens Industry Basket: <a href="http://www.siemens.com/industrymall">www.siemens.com/industrymall</a>
Product- & System-Engineering	
<b>SIMARIS Software tools</b>	Support in planning and configuration the electrical power distribution: <a href="http://www.siemens.com/simaris">www.siemens.com/simaris</a>
<b>Engineering software ALPHA SELECT</b>	Simple and fast configuration for distribution boards and meter cabinets with products from the Siemens Industry Basket: <a href="http://www.siemens.com/alpha-select">www.siemens.com/alpha-select</a>
Product documentation	
<b>Service &amp; support portal</b>	Comprehensive technical information - from planning to configuration and operation: <a href="http://www.siemens.com/lowvoltage/support">www.siemens.com/lowvoltage/support</a>
<b>Cax Data</b>	Collation of commercial and technical master product data: <a href="http://www.siemens.com/cax">www.siemens.com/cax</a>
<b>Image database</b>	Collection of product photographs and graphics, such as dimensional drawings and internal circuit diagrams: <a href="http://www.siemens.com/lowvoltage/bilddb">www.siemens.com/lowvoltage/bilddb</a>
<b>My Documentation Manager</b>	Compilation of documentation from specific projects: <a href="https://www.automation.siemens.com/mdm/">https://www.automation.siemens.com/mdm/</a>
<b>Image Data Base</b>	Collection of product pictures and graphics such as dimensional drawings and connection diagrams. <a href="http://www.automation.siemens.com/bilddb/">http://www.automation.siemens.com/bilddb/</a>
Product training	
<b>SITRAIN Portal</b>	Comprehensive training program about our products, systems and engineering tools: <a href="http://www.siemens.com/lowvoltage/training">www.siemens.com/lowvoltage/training</a>
Product hotline	
<b>Technical support</b>	Support in all technical queries about our products: E-mail: <a href="mailto:support.automation@siemens.com">support.automation@siemens.com</a> <a href="http://www.siemens.com/lowvoltage/technical-support">www.siemens.com/lowvoltage/technical-support</a>

## Appendix

## Order number index

<b>5TA</b>			
5TA2108	2/6, 2/7, 5/6, 5/7, 6/7	5TA7651	8/8, 8/14, 11/5
	6/8, 9/6	5TA7660	2/19, 5/12, 11/5
5TA2108-OKK	9/6	5TA7661	2/19, 5/12, 11/5
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## Appendix

### Conditions of sale and delivery

#### 1. General standards

By using this catalog you can acquire hardware and software products described therein from Siemens AG subject to these conditions of sale and delivery (hereinafter: CSD). Please note: the scope, the quality and the conditions for supplies and services, including software products, by any Siemens group or Regional Company having a registered office outside of Germany, shall be subject exclusively to the General Terms and Conditions of the respective Siemens entity. These CSD apply exclusively for orders placed with Siemens AG, Germany.

##### 1.1 For customers with a seat or registered office in Germany

For customers with a seat or registered office in Germany, the following shall be subordinate to these CSD

- the "General Terms of Payment"<sup>1)</sup> and
- for software products, the "General License Conditions for Software Products for Automation and Drives for Customers with a Seat or Registered Office in Germany"<sup>1)</sup> and
- the "General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry"<sup>1)</sup> for other deliveries and services.

##### 1.2 For customers with a seat or registered office outside of Germany

For customers with a seat or registered office outside of Germany, the following shall be subordinate to these CSD

- the "General Terms of Payment"<sup>1)</sup> and
- 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"<sup>1)</sup> and
- the "General Conditions for Supplies of Siemens Industry for Customers with a Seat or Registered Office outside of Germany"<sup>1)</sup> for other deliveries and services.

#### 2. Prices

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.

To compensate fluctuating prices of raw materials (for example silver, copper, aluminum, lead, gold, dysprosium and neodymium), surcharges are calculated on a daily basis for products containing these raw materials using the metal factor. A surcharge for the particular raw material is added to the price of a product if the basic quotations for this raw material are exceeded.

Each product's metal factor dictates for which raw materials the metal surcharges are calculated, from which quotation and with which calculation method (weight or percentage method).

An exact explanation of the metal factor can be found on the page entitled "Metal surcharges".

The surcharge will be calculated (except in the case of dysprosium and neodymium) on the basis of the official price on the day prior to receipt of the order or prior to the release order for calculation of the surcharge.

In the event of placement of an order, the relevant three-month average price from the quarter prior to order receipt or the release order shall be used with a one-month buffer to calculate the dysprosium and neodymium surcharge ("rare earths") (you will find details in the aforementioned explanation of the metal factor).

#### 3. Additional terms and conditions

All dimensions are in mm. In Germany, according to the German law on units in metrology, data in inches only apply to devices for export.

Illustrations are not binding.

Insofar as there are no remarks on the corresponding pages of this catalog - especially with regard to data, dimensions and weights given - these are subject to change without prior notice.

#### 4. Export regulations

We shall not be obligated to fulfill this agreement if such fulfillment is prevented by any impediments arising out of national or international foreign trade or customs requirements or any embargoes or other sanctions.

Export of the products listed in this catalog may be subject to authorization. In delivery information, we label authorization obligations according to German, European and US export lists. Goods labeled with an "AL" not equal to "N" are subject to European or German export authorization when being exported out of the EU. Goods labeled with "ECCN" not equal to "N" are subject to a US re-export authorization.

Please note that you can also review the export designations in the respective product description via our "Industry Mall" online catalog system. The deciding factors, however, are the AL or ECCN export designations indicated on order confirmations, delivery notes and invoices.

Even if goods are not labeled, or labeled "AL:N" or "ECCN:N", they may still be subject to export authorization based on the final destination and end use of the goods.

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.

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<sup>1)</sup> You can download the text of the Siemens AG terms and conditions of trade at

[www.siemens.com/automation/salesmaterial-as/catalog/en/terms\\_of\\_trade\\_en.pdf](http://www.siemens.com/automation/salesmaterial-as/catalog/en/terms_of_trade_en.pdf)



## Appendix

### Notes

## Select and order from Siemens Industry Mall, download and order catalogues

### Easy product selection and order: Industry Mall



#### Industry Mall

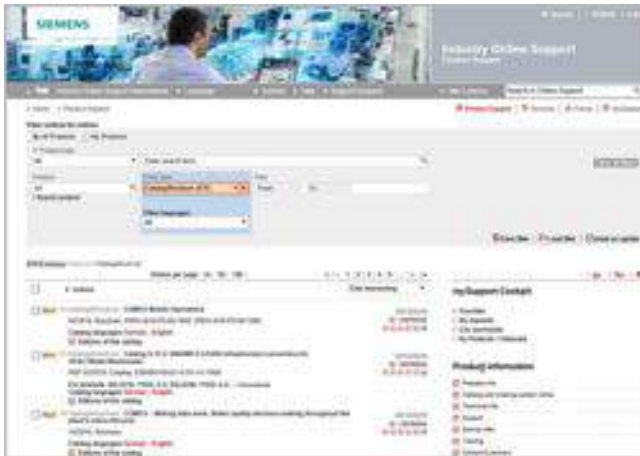
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The data exchange guarantees the entire process, from selection and ordering to tracking of the order (Track & Trace). Availability, customer-specific discounting and quotes are also at hand.

[www.siemens.com/industrymall](http://www.siemens.com/industrymall)

### Download catalogue



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[www.siemens.com/industrycatalogs](http://www.siemens.com/industrycatalogs)

### Order print catalogue



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