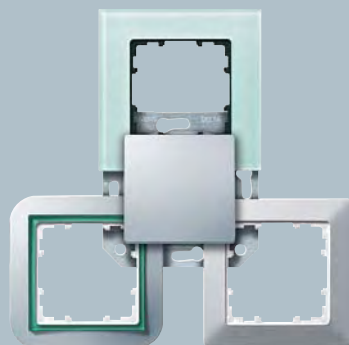


1

DELTA i-system

1/6	Introduction
1/7	Switches and pushbuttons
1/12	Outlets
1/17	International plug-and-socket devices
1/18	Lighting control
1/21	Motion detectors
1/23	Shutter/blind control
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1/29	GAMMA <i>instabus</i>
1/31	Communication
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1/35	Equipotential bonding
1/36	School program
1/37	Accessories and spare parts





It's easy when you know how.

Maximum flexibility: anything goes - with the DELTA i-system. The DELTA i-system offers you a neutral, design-independent modular product range with a broad range of functions.

How you benefit: the functional modules can be installed in a range of DELTA frame kits – from DELTA line, DELTA vita and DELTA miro. So changing shapes, styles and colors really couldn't be any easier.



With the right system!

DELTA i-system

And you'll be saving too. For example, due to reduced logistics - because you only need to stock one range of components. Or due to the extreme flexibility - because you don't have to decide in advance which design range. All options are still open.

The DELTA i-system is characterized by the use of 55-mm components, four colors (titanium white, electrical white, aluminum metallic and carbon metallic) and a set of seals for IP44.

DELTA i-system



design award
winner
2002

Frames and color elements in
DELTA vita design

Universal switch
titanium white/red/
titanium white



Universal switch
aluminum metallic/green/
aluminum metallic



Universal switch
carbon metallic/chrome/
carbon metallic



Frames in
DELTA line design

Universal switch
titanium white



Universal switch
electrical white



Universal switch
aluminum metallic



Frames in
DELTA miro design

Universal switch
titanium white



Universal switch
electrical white



Universal switch
aluminum metallic



Universal switch
gold/gold/titanium white



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



Universal switch
carbon metallic



Universal switch
carbon



**Components of the DELTA i-system
product range:**

- Operator interfaces (switches/push-button rockers) in numerous versions
- Screw-on operator interfaces
- **SCHUKO** outlets in various designs
- Set of seals for rockers and outlets that provide IP44 degree of protection
- Extensive functions for:
 - Communication
 - Data and voice networks
 - Shutter/blind control, also with radio (GAMMA wave)
 - Time circuits
 - Room temperature control
 - Dimmer control, also with radio (GAMMA wave)
 - Motion detection
 - Connection to GAMMA *instabus* possible

DELTA i-system

Introduction

Overview

Using the DELTA i-system product range

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

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

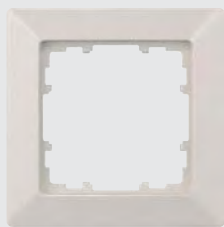
Combination of components from the DELTA vita, DELTA i-system, DELTA line and DELTA miro product ranges



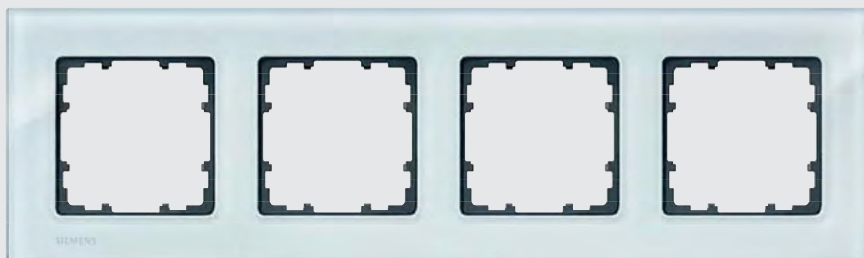
Examples of components DELTA vita Frames with color elements



Examples of components DELTA i-system Rockers and outlet



Examples of components DELTA line Frames



Examples of components DELTA miro Frames

12_10727c




Selection and ordering data





Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
General information				
size of rockers: 55 mm x 55 mm degree of protection: IP20				
Note	Section	Page		
Extension claws, see ...	<i>Switching/pushbutton control/dimming/Accessories and spare parts</i>	10/18		
All rockers shown here can be combined with the frames of the DELTA line product range, see ...	<i>DELTA line</i>	2/8		
All rockers shown here can be combined with the frames and color elements of the DELTA vita product range, see ...	<i>DELTA vita</i>	3/9		
All rockers shown here can be combined with the frames of the DELTA miro product range, see ...	<i>DELTA miro</i>	4/8		
Degree of protection IP44 for rockers can be achieved with the <i>IP44 set of seals, for rockers, see ...</i>	<i>Accessories and spare parts</i>	1/40	5TG4 324	021 1 set/ 10 sets
Rocker, neutral				
• titanium white (similar to RAL 9010)			5TG6 201	021 1/10
• electrical white (RAL 1013)			5TG6 271	021 1/10
• aluminum metallic (similar to RAL 9006)			5TG6 241	021 1/10
• carbon metallic (similar to RAL 7016)			5TG6 221	021 1/10
Inserts	Section	Page		
<i>Universal switch</i>	<i>Switching/pushbutton control/dimming</i>	10/2	5TA2 156	021 1/10
<i>Intermediate switch</i>	<i>dto.</i>	10/3	5TA2 117	021 1/10
<i>ON/OFF switch, 1-pole</i>	<i>dto.</i>	10/3	5TA2 151	021 1/10
<i>Pushbutton, 1 NO contact</i>	<i>dto.</i>	10/7	5TD2 120	021 1/10
<i>Pushbutton, 1 CO contact</i>	<i>dto.</i>	10/8	5TD2 123	021 1/10
<i>DELTA UP 116 bus coupling unit, center position, single</i>	<i>GAMMA building management systems</i>	17/2	5WG1 116-2AB01	030 1
<i>DELTA UP 116 bus coupling unit, pushbutton position, single</i>	<i>dto.</i>	17/2	5WG1 116-2AB21	030 1
Rocker with window				
• titanium white (similar to RAL 9010)			5TG6 200	021 1/10
• electrical white (RAL 1013)			5TG6 270	021 1/10
• aluminum metallic (similar to RAL 9006)			5TG6 240	021 1/10
• carbon metallic (similar to RAL 7016)			5TG6 220	021 1/10
Inserts	Section	Page		
<i>Switch with pilot lamp, for ON/OFF switching</i>	<i>Switching/pushbutton control/dimming</i>	10/5	5TA2 150	021 1/10
<i>Switch with pilot lamp, for two-way switching</i>	<i>dto.</i>	10/5	5TA2 108	021 1/10
<i>Pushbutton, 1 NO contact, with separate neutral terminal</i>	<i>dto.</i>	10/8	5TD2 116	021 1/10
<i>Pushbutton, 1 CO contact, with separate neutral terminal</i>	<i>dto.</i>	10/9	5TD2 117	021 1/10
<i>Pushbutton, with separate check-back indication</i>	<i>dto.</i>	10/9	5TD2 114	021 1/10
<i>Universal switch</i>	<i>dto.</i>	10/2	5TA2 156	021 1/10
<i>Intermediate switch</i>	<i>dto.</i>	10/3	5TA2 117	021 1/10
<i>ON/OFF switch, 1-pole</i>	<i>dto.</i>	10/3	5TA2 151	021 1/10
<i>Pushbutton, 1 NO contact</i>	<i>dto.</i>	10/7	5TD2 120	021 1/10
<i>Pushbutton, 1 CO contact</i>	<i>dto.</i>	10/8	5TD2 123	021 1/10
<i>DELTA UP 116 bus coupling unit, center position, single</i>	<i>GAMMA building management systems</i>	17/2	5WG1 116-2AB01	030 1
<i>DELTA UP 116 bus coupling unit, pushbutton position, single</i>	<i>dto.</i>	17/2	5WG1 116-2AB21	030 1

* You can order this quantity or a multiple thereof.

DELTA i-system




Switches and pushbuttons





Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
	Rocker with labeling field and window			
	• titanium white (similar to RAL 9010)	5TG6 211		021 1/10
	• electrical white (RAL 1013)	5TG6 281		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG6 251		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG6 231		021 1/10
	Inserts	Section	Page	
	Switch with pilot lamp, for ON/OFF switching	Switching/pushbutton control/dimming	10/5	5TA2 150 021 1/10
	Switch with pilot lamp, for two-way switching	dto.	10/5	5TA2 108 021 1/10
	Universal switch	dto.	10/2	5TA2 156 021 1/10
	Intermediate switch	dto.	10/3	5TA2 117 021 1/10
	ON/OFF switch, 1-pole	dto.	10/3	5TA2 151 021 1/10
	Pushbutton, 1 NO contact	dto.	10/7	5TD2 120 021 1/10
	Pushbutton, 1 CO contact	dto.	10/8	5TD2 123 021 1/10
	DELTA UP 116 bus coupling unit, center position, single	GAMMA building management systems	17/2	5WG1 116-2AB01 030 1
	DELTA UP 116 bus coupling unit, pushbutton position, single	dto.	17/2	5WG1 116-2AB21 030 1
Note	Section	Page		
Switch with pilot lamp, for ON/OFF switching 5TA2 150 can be used as heating emergency switch. The required labeling field insert "Heating Emergency Switch" 5TG1 138 must be ordered separately, see ...	Accessories and spare parts	1/37	5TG1 138 021 1	
	Rocker with I/O symbols			
	• titanium white (similar to RAL 9010)	5TG6 202		021 1/10
	• electrical white (RAL 1013)	5TG6 272		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG6 242		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG6 222		021 1/10
	Inserts	Section	Page	
	Break switch, 2-pole, 10 AX	Switching/pushbutton control/dimming	10/4	5TA2 112 021 1/10
	Break switch, 2-pole, 16 AX	dto.	10/4	5TA2 162 021 1/10
	ON/OFF switch, 3-pole, 16 A	dto.	10/4	5TA2 153 021 1/10
	DELTA UP 116 bus coupling unit, center position, single	GAMMA building management systems	17/2	5WG1 116-2AB01 030 1
	Rocker with "Delay" symbol and window			
	• titanium white (similar to RAL 9010)	5TG6 218		021 1/10
	• electrical white (RAL 1013)	5TG6 288		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG6 258		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG6 238		021 1/10
	Inserts	Section	Page	
	Delay timer	Switching/pushbutton control/dimming	10/6	5TT1 210 027 1
DELTA UP 116 bus coupling unit, pushbutton position, single	GAMMA building management systems	17/2	5WG1 116-2AB21 030 1	

Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
	Rocker with "Time" symbol and window				
	• titanium white (similar to RAL 9010)	5TG6 216	021	1/10	
	• electrical white (RAL 1013)	5TG6 286	021	1/10	
	• aluminum metallic (similar to RAL 9006)	5TG6 256	021	1/10	
	• carbon metallic (similar to RAL 7016)	5TG6 236	021	1/10	
	Inserts	Section	Page		
	Timer	Switching/pushbutton control/dimming	10/6	5TT1 200	027 1
	DELTA UP 116 bus coupling unit, pushbutton position, single	GAMMA building management systems	17/2	5WG1 116-2AB21	030 1
		Rocker, double, neutral			
		• titanium white (similar to RAL 9010)	5TG6 205	021	1/10
• electrical white (RAL 1013)		5TG6 275	021	1/10	
• aluminum metallic (similar to RAL 9006)		5TG6 245	021	1/10	
• carbon metallic (similar to RAL 7016)		5TG6 225	021	1/10	
Inserts		Section	Page		
Double two-way switch		Switching/pushbutton control/dimming	10/6	5TA2 118	021 1/10
Two-circuit switch		dto.	10/7	5TA2 155	021 1/10
Pushbutton, double, 1 NO contact, 1 CO contact		dto.	10/9	5TD2 115	021 1/10
Pushbutton, double, 2 NO contacts		dto.	10/10	5TD2 111	021 1/10
DELTA UP 116 bus coupling unit, center position, double	GAMMA building management systems	17/2	5WG1 116-2AB11	030 1	
DELTA UP 116 bus coupling unit, pushbutton position, double	dto.	17/2	5WG1 116-2AB31	030 1	
	Rocker, double, with window				
	• titanium white (similar to RAL 9010)	5TG6 204	021	1/10	
	• electrical white (RAL 1013)	5TG6 274	021	1/10	
	• aluminum metallic (similar to RAL 9006)	5TG6 244	021	1/10	
	• carbon metallic (similar to RAL 7016)	5TG6 224	021	1/10	
	Inserts	Section	Page		
	Two-circuit switch	Switching/pushbutton control/dimming	10/7	5TA2 155	021 1/10
	Pushbutton, double, 2 NO contacts	dto.	10/10	5TD2 111	021 1/10
	DELTA UP 116 bus coupling unit, center position, double	GAMMA building management systems	17/2	5WG1 116-2AB11	030 1
	DELTA UP 116 bus coupling unit, pushbutton position, double	dto.	17/2	5WG1 116-2AB31	030 1
	Rocker, double, with labeling field				
	• titanium white (similar to RAL 9010)	5TG6 212	021	1/10	
	• electrical white (RAL 1013)	5TG6 282	021	1/10	
	• aluminum metallic (similar to RAL 9006)	5TG6 252	021	1/10	
	• carbon metallic (similar to RAL 7016)	5TG6 232	021	1/10	
	Inserts	Section	Page		
	Double two-way switch	Switching/pushbutton control/dimming	10/6	5TA2 118	021 1/10
	Two-circuit switch	dto.	10/7	5TA2 155	021 1/10
	Pushbutton, double, 1 NO contact, 1 CO contact	dto.	10/9	5TD2 115	021 1/10
	Pushbutton, double, 2 NO contacts	dto.	10/10	5TD2 111	021 1/10
DELTA UP 116 bus coupling unit, center position, double	GAMMA building management systems	17/2	5WG1 116-2AB11	030 1	
DELTA UP 116 bus coupling unit, pushbutton position, double	dto.	17/2	5WG1 116-2AB31	030 1	
Note	Section	Page			
Sheet of pictographs 5TG1 137 must be ordered separately, see ...	Accessories and spare parts	1/39	5TG1 137	021 1	

DELTA i-system

Switches and pushbuttons

Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
	Rocker, double, with labeling field and window			
	• titanium white (similar to RAL 9010)	5TG6 213		021 1/10
	• electrical white (RAL 1013)	5TG6 283		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG6 253		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG6 233		021 1/10
	Inserts	Section	Page	
	<i>Two-circuit switch</i>	<i>Switching/pushbutton control/dimming</i>	10/7	5TA2 155 021 1/10
	<i>DELTA UP 116 bus coupling unit, center position, double</i>	<i>GAMMA building management systems</i>	17/2	5WG1 116-2AB11 030 1
	<i>DELTA UP 116 bus coupling unit, pushbutton position, double</i>	<i>dto.</i>	17/2	5WG1 116-2AB31 030 1
	Note	Section	Page	
The <i>sheet of pictographs</i> 5TG1 137 must be ordered separately, see ...	<i>Accessories and spare parts</i>	1/39	5TG1 137 021 1	
	Rocker with labeling field			
	• titanium white (similar to RAL 9010)	5TG6 210		021 1/10
	• electrical white (RAL 1013)	5TG6 280		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG6 250		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG6 230		021 1/10
	Inserts	Section	Page	
	<i>Pushbutton, 1 NO contact</i>	<i>Switching/pushbutton control/dimming</i>	10/7	5TD2 120 021 1/10
	<i>Universal switch</i>	<i>Switching/pushbutton control/dimming</i>	10/2	5TA2 156 021 1/10
	<i>Intermediate switch</i>	<i>dto.</i>	10/3	5TA2 117 021 1/10
	<i>ON/OFF switch, 1-pole</i>	<i>dto.</i>	10/3	5TA2 151 021 1/10
	<i>Pushbutton, 1 CO contact</i>	<i>dto.</i>	10/8	5TD2 123 021 1/10
	<i>DELTA UP 116 bus coupling unit, center position, single</i>	<i>GAMMA building management systems</i>	17/2	5WG1 116-2AB01 030 1
	<i>DELTA UP 116 bus coupling unit, pushbutton position, single</i>	<i>dto.</i>	17/2	5WG1 116-2AB21 030 1
	Note	Section	Page	
	Sheet of pictographs 5TG1 136 must be ordered separately, see ...	<i>Accessories and spare parts</i>	1/39	5TG1 136 021 1
		Rocker with "Light" symbol and window		
• titanium white (similar to RAL 9010)		5TG6 206		021 1/10
• electrical white (RAL 1013)		5TG6 276		021 1/10
• aluminum metallic (similar to RAL 9006)		5TG6 246		021 1/10
• carbon metallic (similar to RAL 7016)		5TG6 226		021 1/10
Inserts		Section	Page	
<i>Universal switch</i>		<i>Switching/pushbutton control/dimming</i>	10/2	5TA2 156 021 1/10
<i>Intermediate switch</i>		<i>dto.</i>	10/3	5TA2 117 021 1/10
<i>ON/OFF switch, 1-pole</i>		<i>dto.</i>	10/3	5TA2 151 021 1/10
<i>Pushbutton, 1 NO contact</i>		<i>dto.</i>	10/7	5TD2 120 021 1/10
<i>Switch with pilot lamp, for ON/OFF switching</i>		<i>dto.</i>	10/5	5TA2 150 021 1/10
<i>Switch with pilot lamp, for two-way switching</i>		<i>dto.</i>	10/5	5TA2 108 021 1/10
<i>Pushbutton, 1 NO contact, with separate neutral terminal</i>		<i>dto.</i>	10/8	5TD2 116 021 1/10
<i>Pushbutton, 1 CO contact, with separate neutral terminal</i>		<i>dto.</i>	10/9	5TD2 117 021 1/10
<i>Pushbutton, with separate check-back indication</i>		<i>dto.</i>	10/9	5TD2 114 021 1/10
<i>DELTA UP 116 bus coupling unit, pushbutton position, single</i>		<i>GAMMA building management systems</i>	17/2	5WG1 116-2AB21 030 1

Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
	Rocker with "Bell" symbol				
	• titanium white (similar to RAL 9010)	5TG6 207	021	1/10	
	• electrical white (RAL 1013)	5TG6 277	021	1/10	
	• aluminum metallic (similar to RAL 9006)	5TG6 247	021	1/10	
	• carbon metallic (similar to RAL 7016)	5TG6 227	021	1/10	
	Inserts	Section	Page		
	<i>Pushbutton, 1 NO contact</i>	<i>Switching/pushbutton control/dimming</i>	10/7	5TD2 120	021 1/10
	<i>Pushbutton, 1 CO contact</i>	<i>dto.</i>	10/8	5TD2 123	021 1/10
	<i>DELTA UP 116 bus coupling unit, pushbutton position, single</i>	<i>GAMMA building management systems</i>	17/2	5WG1 116-2AB21	030 1
		Rocker with "Bell" symbol and labeling field			
• titanium white (similar to RAL 9010)		5TG6 215	021	1/10	
• electrical white (RAL 1013)		5TG6 285	021	1/10	
Inserts		Section	Page		
<i>Pushbutton, 1 NO contact</i>		<i>Switching/pushbutton control/dimming</i>	10/7	5TD2 120	021 1/10
<i>Pushbutton, 1 CO contact</i>		<i>dto.</i>	10/8	5TD2 123	021 1/10
<i>DELTA UP 116 bus coupling unit, pushbutton position, single</i>		<i>GAMMA building management systems</i>	17/2	5WG1 116-2AB21	030 1
		Rocker with "Door Opener" symbol			
		• titanium white (similar to RAL 9010)	5TG6 208	021	1/10
		• electrical white (RAL 1013)	5TG6 278	021	1/10
	• aluminum metallic (similar to RAL 9006)	5TG6 248	021	1/10	
	• carbon metallic (similar to RAL 7016)	5TG6 228	021	1/10	
	Inserts	Section	Page		
	<i>Pushbutton, 1 NO contact</i>	<i>Switching/pushbutton control/dimming</i>	10/7	5TD2 120	021 1/10
	<i>Pushbutton, 1 CO contact</i>	<i>dto.</i>	10/8	5TD2 123	021 1/10
	<i>DELTA UP 116 bus coupling unit, pushbutton position, single</i>	<i>GAMMA building management systems</i>	17/2	5WG1 116-2AB21	030 1
		Rocker with pull actuation Cord approx. 2 m long			
• titanium white (similar to RAL 9010)		5TG6 217	021	1/10	
• electrical white (RAL 1013)		5TG6 287	021	1/10	
Inserts		Section	Page		
<i>Pushbutton, 1 NO contact</i>		<i>Switching/pushbutton control/dimming</i>	10/7	5TD2 120	021 1/10
<i>Pushbutton, 1 CO contact</i>		<i>dto.</i>	10/8	5TD2 123	021 1/10
<i>DELTA UP 116 bus coupling unit, pushbutton position, single</i>		<i>GAMMA building management systems</i>	17/2	5WG1 116-2AB21	030 1

DELTA i-system

Outlets

Selection and ordering data






Design	Order No.	Price 1 item	PG	PS*/ P. unit Items
<p>General information for screw and claw fixing, SCHUKO outlets: 16 A, 250 V AC; 10 A, 250 V DC; live parts of the inserts are covered by molded plastic; self-retracting claws; the screwless terminals are connecting terminals for Cu and aluminum conductors up to 2.5 mm² degree of protection IP20 size of cover plates: 55 mm x 55 mm</p>				
Note	Section	Page		
Extension claws, see ...	<i>Switching/pushbutton control/dimming/Accessories and spare parts</i>	10/18		
All outlets shown here can be combined with the frames of the DELTA line product range, see ...	<i>DELTA line</i>	2/8		
All outlets shown here can be combined with the frames and color elements of the DELTA vita product range, see ...	<i>DELTA vita</i>	3/9		
All rockers shown here can be combined with the frames of the DELTA miro product range, see ...	<i>DELTA miro</i>	4/8		
IP44 degree of protection for SCHUKO outlets with hinged lid can be achieved using an <i>IP 44 seal</i> , for outlets, see ...	<i>Accessories and spare parts</i>	1/40	5TG4 318	021 1/10
SCHUKO outlets				
• titanium white (similar to RAL 9010)			5UB1 511	021 1/10
• electrical white (RAL 1013)			5UB1 551	021 1/10
• aluminum metallic (similar to RAL 9006)			5UB1 931	021 1/10
• carbon metallic (similar to RAL 7016)			5UB1 921	021 1/10
• green (similar to RAL 6018) (SV) ¹⁾			5UB1 512	021 1/10
• orange (similar to RAL 2004) (ZSV) ²⁾			5UB1 513	021 1/10
Note				
1) SV: Safety power supply (AEV).				
2) ZSV: Additional safety power supply (BEV).				
SCHUKO outlet with increased protection against contact				
• titanium white (similar to RAL 9010)			5UB1 518	021 1/10
• electrical white (RAL 1013)			5UB1 558	021 1/10
• aluminum metallic (similar to RAL 9006)			5UB1 934	021 1/10
• carbon metallic (similar to RAL 7016)			5UB1 924	021 1/10
SCHUKO outlet with imprint				
• green (similar to RAL 6018), with "SV" imprint ¹⁾			5UB1 910	021 1/10
• orange (similar to RAL 2004), with "ZSV" imprint ²⁾			5UB1 911	021 1/10
Note	Section	Page		
Label sheets for marking the inserts, see ...	<i>Accessories and spare parts</i>	1/40		
Note				
1) SV: Safety power supply (AEV).				
2) ZSV: Additional safety power supply (BEV).				



Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
	SCHUKO outlet with labeling field			
	• titanium white (similar to RAL 9010)	5UB1 515		021 1/10
	• electrical white (RAL 1013)	5UB1 555		021 1/10
	• aluminum metallic (similar to RAL 9006)	5UB1 933		021 1/10
	• carbon metallic (similar to RAL 7016)	5UB1 923		021 1/10
	• green (similar to RAL 6018) (SV) ¹⁾	5UB1 537		021 1/10
	• orange (similar to RAL 2004) (ZSV) ²⁾	5UB1 538		021 1/10
	• red (similar to RAL 3003) (WSV) ³⁾	5UB1 536		021 1/10
	Note	Section	Page	
	Label sheets for marking the inserts, see ...	<i>dto.</i>	1/40	
Note				
1) SV: Safety power supply (AEV).				
2) ZSV: Additional safety power supply (BEV).				
3) WSV: Other safety power supply.				
	SCHUKO outlet with status display and labeling field			
	• titanium white (similar to RAL 9010)	5UB1 560		021 1/10
	• electrical white (RAL 1013)	5UB1 561		021 1/10
	• aluminum metallic (similar to RAL 9006)	5UB1 935		021 1/10
	• carbon metallic (similar to RAL 7016)	5UB1 925		021 1/10
	• green (similar to RAL 6018) (SV) ¹⁾	5UB1 562		021 1/10
	• orange (similar to RAL 2004) (ZSV) ²⁾	5UB1 563		021 1/10
	Note	Section	Page	
	<i>Spare glow lamp 5TG7 304, see ...</i>	<i>Accessories and spare parts</i>	1/41	
	Label sheets for marking the inserts, see ...	<i>dto.</i>	1/40	
For further technical information, see ...	<i>Technical information/ Outlets/SCHUKO outlet with status display</i>	18/11		
Note				
1) SV: Safety power supply (AEV).				
2) ZSV: Additional safety power supply (BEV).				
	Conversion kit, status display for SCHUKO outlets 1 set contains a glow lamp and cover plate with window and labeling field			
	• titanium white (similar to RAL 9010)	5UH1 310		021 1 set/ 5 sets
	• electrical white (RAL 1013)	5UH1 311		021 1 set/ 5 sets
	Note	Section	Page	
For further technical information, see ...	<i>Technical information/ Outlets/SCHUKO outlet with status display</i>	18/11		
	SCHUKO outlet with overvoltage protection, function indicators and labeling field			
	• titanium white (similar to RAL 9010)	5UB1 564		021 1
	• electrical white (RAL 1013)	5UB1 565		021 1
	• aluminum metallic (similar to RAL 9006)	5UB1 936		021 1
	• carbon metallic (similar to RAL 7016)	5UB1 926		021 1
	Note	Section	Page	
	<i>Spare overvoltage protection module 5UH1 300, see ...</i>	<i>Accessories and spare parts</i>	1/41	
	For further technical information, see ...	<i>Technical information/ Outlets/SCHUKO outlets with overvoltage protection</i>	18/11	

DELTA i-system







Outlets

Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
 <p>Conversion kit, overvoltage protection for SCHUKO outlets 1 set contains overvoltage protection module and cover plate with window and labeling field</p> <ul style="list-style-type: none"> titanium white (similar to RAL 9010) 	5UH1 340		021	1 set/ 5 sets
		5UH1 341		021
 <p>Note</p> <p>For further technical information, see ...</p>	<p>Section</p> <p><i>Technical information/ Outlets/SCHUKO outlets with overvoltage protec- tion</i></p>	<p>Page</p> <p>18/11</p>		
 <p>UP 563 function module for integrating switchable SCHUKO outlets, 10 A switching actuator with integrated bus coupling unit, for mounting on screwless SCHUKO outlets (not for double outlets or outlets with overvoltage protection). For the integration of switchable SCHUKO outlets in the DELTA i-system product range 60-mm deep switch and socket box with mounted leveling ring (24 mm), i.e overall depth 84 mm is needed.</p>	5WG1 563-2AB11		030	1
	<p>Note</p> <p>The SCHUKO outlet and corresponding frame must be ordered separately; we recommend selecting a SCHUKO outlet with status display, which allows you to check the circuit state at any time.</p>			
 <p>SCHUKO double outlet 117 mm x 80 mm for switch and socket boxes of 60 mm Ø with screw-type terminals live parts not covered by molded plastic</p>		5UB2 201	021	1/10
		5UB2 202	021	1/10
 <p>SCHUKO double outlet, with increased protection against contact 94 mm x 80 mm for switch and socket boxes of 60 mm Ø with screwless terminals without self-retracting claws</p>		5UB2 206-5A	021	1/10
		5UB2 205-5A	021	1/10





Design	Order No.	Price	PG	PS*/ P. unit			
		1 item		Items			
 <p>SCHUKO outlet with hinged lid, increased protection against contact and labeling field</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) • aluminum metallic (similar to RAL 9006) • carbon metallic (similar to RAL 7016) • green (similar to RAL 6018) (SV) ¹⁾ • orange (similar to RAL 2004) (ZSV) ²⁾ <p>Note</p> <table border="1"> <tr> <td>Label sheets for marking the inserts, see ...</td> <td>Accessories and spare parts</td> <td>1/40</td> </tr> </table> <p>Note</p> <p>Opening angle of the hinged lid, 150°</p> <p>1) SV: Safety power supply (AEV).</p> <p>2) ZSV: Additional safety power supply (BEV).</p>	Label sheets for marking the inserts, see ...	Accessories and spare parts	1/40				
	Label sheets for marking the inserts, see ...	Accessories and spare parts	1/40				
		5UB1 912		021	1/10		
		5UB1 902		021	1/10		
		5UB1 932		021	1/10		
		5UB1 922		021	1/10		
		5UB1 913		021	1/10		
	5UB1 914		021	1/10			
 <p>SCHUKO outlet with hinged lid</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) • aluminum metallic (similar to RAL 9006) • carbon metallic (similar to RAL 7016) <p>Note</p> <p>Opening angle of the hinged lid, 150°</p>							
		5UB1 917		021	1/10		
		5UB1 907		021	1/10		
		5UB1 937		021	1/10		
		5UB1 927		021	1/10		
 <p>SCHUKO outlet with hinged lid and increased protection against contact <small>NEW</small></p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) • aluminum metallic (similar to RAL 9006) • carbon metallic (similar to RAL 7016) <p>Note</p> <p>Opening angle of the hinged lid, 150°</p>							
		5UB1 915		021	1		
		5UB1 905		021	1		
		5UB1 930		021	1		
		5UB1 920		021	1		
 <p>Cover plate with hinged lid, increased protection against contact and labeling field for converting SCHUKO outlets</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) <p>Note</p> <p>Opening angle of the hinged lid, 150°</p>							
		5UH1 081		021	1/10		
		5UH1 213		021	1/10		
 <p>Cover plate with hinged lid <small>NEW</small> for conversion of SCHUKO outlets</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) <p>Note</p> <p>Opening angle of the hinged lid, 150°</p>							
		5UH1 204		021	1		
		5UH1 205		021	1		
 <p>SCHUKO outlet with hinged lid, increased protection against contact and lock</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) <p>Note</p> <p>150° opening angle of the hinged lid, identical key type</p>							
		5UB1 916		021	1/5		
		5UB1 906		021	1/5		

DELTA i-system

Outlets

Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
 <p>SCHUKO outlet, 80 mm x 80 mm Complete assembly, no additional frame necessary</p> <ul style="list-style-type: none"> titanium white (similar to RAL 9010) electrical white (RAL 1013) <p>Note</p> <p>DELTA line design</p>	5UB1 580		021	1/10	
	5UB1 581		021	1/10	
 <p>SCHUKO outlet, 80 mm x 80 mm, with cover plate and increased protection against contact Complete assembly, no additional frame necessary</p> <ul style="list-style-type: none"> titanium white (similar to RAL 9010) electrical white (RAL 1013) <p>Note</p> <p>DELTA line design</p>	5UB1 582		021	1/10	
	5UB1 583		021	1/10	
 <p>SCHUKO outlet with hinged lid made of die-cast aluminum IP41 drip-proof base made of thermosetting plastic with two cable entries M20 95 mm x 95 mm x 56 mm light gray (RAL 7035)</p>	5UB4 650		021	1/6	
 <p>Shaver outlets 20 VA, 230 V AC, 50/60 Hz 80 mm x 80 mm</p> <ul style="list-style-type: none"> titanium white (similar to RAL 9010) electrical white (RAL 1013) <p>Note</p> <p>For further technical information, see ...</p>	5UA6 701		021	1	
	5UA6 110		021	1	
	Section	Page			
	<i>Technical information/ International plug-and-socket devices/Shaver outlets</i>	18/63			
 <p>Molded plastic wall housing for "shaver outlet" 80 mm x 80 mm x 62 mm</p>	5UH1 111		021	1/10	
 <p>Sealing ring for "molded plastic wall housing" 85 mm x 85 mm</p>	5UH1 112		021	1/10	

Selection and ordering data

Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
General information with screw and claw fixing screw connection degree of protection IP20 size of cover plates 55 mm x 55 mm				
Note	Section	Page		
Extension claws, see ...	<i>Switching/pushbutton control/Dimming/Accessories and spare parts</i>	10/18		
 Outlet with grounding pin and increased protection against contact 16 A, 250 V AC 2-pole complies with the CEE7 French/Belgian standard with anti-slip terminals for 4 x 2.5 mm ²				
• titanium white (similar to RAL 9010)	5UB1 918		021	1/10
• electrical white (RAL 1013)	5UB1 908		021	1/10
• aluminum metallic (similar to RAL 9006)	5UB1 938		021	1/10
• carbon metallic (similar to RAL 7016)	5UB1 928		021	1/10
 Outlet with grounding pin 16 A, 250 V AC 2-pole complies with the CEE7 French/Belgian standard with anti-slip terminals for 4 x 2.5 mm ²				
• titanium white (similar to RAL 9010)	5UB1 350		021	1/10
• electrical white (RAL 1013)	5UB1 348		021	1/10
 Outlet complies with American standard C 73 15 A, 125 V AC 51 mm x 51 mm				
• titanium white (similar to RAL 9010)	5UB1 307		021	1/5
• electrical white (RAL 1013)	5UB1 303		021	1/10
Note	Section	Page		
Intermediate frames must be ordered separately, see ...	<i>DELTA line / Frames</i>	2/9		
	<i>DELTA vita / Frames</i>	3/9		
 SCHUKO double outlet, DATA 94 mm x 80 mm with increased protection against contact 16 A, 250 V AC for switch and socket box of 60 mm with screwless terminals				
• titanium white (similar to RAL 9010)	5UB2 210-5A		021	1/10
• electrical white (RAL 1013)	5UB2 208-5A		021	1/10

DELTA i-system

Lighting control

Selection and ordering data











Design	Order No.	Price 1 item	PG	PS*/ P. unit Items
General information for stand-alone devices and combinations for screw and claw fixing degree of protection IP20 size of cover plates: 55 mm x 55 mm				
Note	Section	Page		
All cover plates for dimmers shown here can be combined with frames of the DELTA line product range, see ...	<i>DELTA line</i>	2/8		
All cover plates for dimmers shown here can be combined with the frames and color elements of the DELTA vita product range, see ...	<i>DELTA vita</i>	3/9		
All the cover plates for dimmers shown here can be combined with frames of the DELTA miro product range, see ...	<i>DELTA miro</i>	4/8		

Rotary dimmers















Cover plate with rotary button, for dimmers NEW

• titanium white (similar to RAL 9010)	5TC8 900	024	1/10
• electrical white (RAL 1013)	5TC8 901	024	1/10
• aluminum metallic (similar to RAL 9006)	5TC8 902	024	1/10
• carbon metallic (similar to RAL 7016)	5TC8 903	024	1/10
Symbol	Inserts	Section	Page
	Incandescent lamp dimmer, 50 to 400 W NEW	Switching/pushbutton control/dimming	10/10
	Incandescent lamp dimmer, 50 to 600 W, for two-way switching NEW	dto.	10/10
	Low-voltage dimmer, for magnetic transformers, 50 to 600 W, 25 to 500 VA, for two-way switching NEW	dto.	10/11
	Low-voltage dimmer, for electronic transformers, 20 to 600 W, 20 to 525 VA, for two-way switching NEW <i>available for delivery from 12/2004</i>	dto.	10/12
	Low-voltage dimmer, for electronic transformers, 60 to 800 W, 60 to 800 VA, for two-way switching NEW <i>available for delivery from 02/2005</i>	dto.	10/12
	Electronic potentiometer, 1 to 10 V / 50 mA, with pressure break switch NEW	dto.	10/15


Design	Order No.	Price	PG	PS*/ P. unit		
		1 item		Items		
	Cover plate with rotary button, for dimmers <i>discontinued model</i>					
	• titanium white (similar to RAL 9010)		5TG8 351	024	1/10	
	• electrical white (RAL 1013)		5TG8 352	024	1/10	
	• aluminum metallic (similar to RAL 9006)		5TG8 522	024	1/10	
	• carbon metallic (similar to RAL 7016)		5TG8 520	024	1/10	
	Symbol	Inserts	Section	Page		
		Incandescent lamp dimmer, 60 to 600 W, for two-way switching <i>discontinued model</i>	Switching/pushbutton control/dimming	10/11	5TC8 200	024 1
		Fluorescent lamp dimmer, 20 to 1000 VA, for two-way switching <i>discontinued model</i>	dto.	10/14	5TC8 407	024 1
		Low-voltage dimmer, for conventional transformers, 15 to 500 W, for two-way switching <i>discontinued model</i>	dto.	10/12	5TC8 286	024 1
		Low-voltage dimmer, for electronic transformers, 15 to 350 W, for two-way switching ¹⁾ <i>discontinued model</i>	dto.	10/12	5TC8 288	024 1
		Electronic potentiometer (handheld controller) <i>discontinued model</i>				
		• Switch	dto.	10/15	5TC8 420	024 1
		• Pushbutton	dto.	10/16	5TC8 423	024 1
	Note 1) Transformers of the companies: Osram, Hüco, Berne, Zumtobel, May + Christe, Lindner, Bartec, Berker, Jung, Gira.					
Sensor dimmer						
	Cover plate with sensor area, for dimmers					
	• titanium white (similar to RAL 9010)		5TG8 353	024	1/10	
	• electrical white (RAL 1013)		5TG8 354	024	1/10	
	• aluminum metallic (similar to RAL 9006)		5TG8 523	024	1/10	
	• carbon metallic (similar to RAL 7016)		5TG8 521	024	1/10	
	Symbol	Power	Inserts	Section	Page	
			<i>Sensor dimmers</i>			
	20 to 400 W	• without memory function	Switching/pushbutton control/dimming	10/13	5TC8 240	024 1
	20 to 300 VA	• with memory function	dto.	10/13	5TC8 232	024 1

DELTA i-system

Lighting control

Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
Touch dimmer					
	sys pushbutton				
	• titanium white (similar to RAL 9010)		5TC1 301	024	1
	• electrical white (RAL 1013)		5TC1 300	024	1
	• aluminum metallic (similar to RAL 9006)		5TC1 303	024	1
	• carbon metallic (similar to RAL 7016)		5TC1 302	024	1
	Symbol	Power	Inserts	Section	Page
			Universal dimmer sys insert	Switching/pushbutton control/dimming	10/14
		50 to 420 W			
		50 to 420 VA			
		70 to 420 VA			
Note			Section	Page	
For a more detailed explanation of the sys pushbutton, see ...			Remote control systems	15/2	
For further technical information, see ...			Technical information/Dimmers/sys pushbuttons	18/17	
Touch dimmer with radio control					
	wave UP 210 pushbutton				
	• titanium white (similar to RAL 9010)		5WG3 210-2HB11	030	1
	• aluminum metallic (similar to RAL 9006)		5WG3 210-2HB31	030	1
	• carbon metallic (similar to RAL 7016)		5WG3 210-2HB21	030	1
	Symbol	Power	Inserts	Section	Page
			Universal dimmer sys insert	Switching/pushbutton control/dimming	10/14
		50 to 420 W			
		50 to 420 VA			
		70 to 420 VA			
			sys switching insert, 25 to 250 VA	dto.	10/16
		sys switching insert, 15 to 500 VA	dto.	10/17	
Note			Section	Page	
For a more detailed explanation of the UP 210 wave pushbutton, see ...			Remote control systems	15/2	
Speed regulating rheostat					
	Cover plate for speed regulating rheostats NEW				
	• titanium white (similar to RAL 9010)		5TC8 924	024	1
	• electrical white (RAL 1013)		5TC8 925	024	1
	Symbol	Inserts	Section	Page	
		Speed regulating rheostat, 0.1 to 2.6 A NEW	Switching/pushbutton control/dimming	10/17	


Selection and ordering data

Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
General information					
size of tops: 55 mm x 55 mm degree of protection: IP20					
	Motion detector top				
	The motion detector top responds to heat motion and initiates a switching process.				
	The lighting remains switched on for as long as the motion detector top detects movement. Otherwise, it is switched off after a fixed after-run time of approx. 2 min and the lighting is only switched on again after a locking time of 3 sec.				
	Depending on technical requirements (relay, triac or extension unit insert), the motion detector top is operated in combination with a motion detector insert, which must be ordered separately.				
	The sensing range can be extended if combined with a motion detector extension unit insert. 2 different versions are available, depending on the required assembly height (1.10 or 2.20 m).				
	Thanks to their modular design, tops and inserts can be freely combined.				
	The sensing range of a center unit can be extended by connecting a maximum of 10 motion detector extensions.				
	The number of connectable passive extensions is unlimited (e.g. pushbutton, 1 NO contact, 5TD2 120).				
	• Assembly height 1.10 m				
	– titanium white (similar to RAL 9010)	5TC1 503		024	1
	– electrical white (RAL 1013)	5TC1 527		024	1
	– aluminum metallic (similar to RAL 9006)	5TC1 507		024	1
	– carbon metallic (similar to RAL 7016)	5TC1 512		024	1
	• Assembly height 2.20 m				
	– titanium white (similar to RAL 9010)	5TC1 504		024	1
	– electrical white (RAL 1013)	5TC1 528		024	1
	– aluminum metallic (similar to RAL 9006)	5TC1 508		024	1
	– carbon metallic (similar to RAL 7016)	5TC1 513		024	1
	Inserts				
	Section	Page			
Motion detector relay insert	<i>Motion detectors</i>	11/2	5TC1 500	024 1	
Motion detector triac insert	<i>dto.</i>	11/3	5TC1 501	024 1	
Motion detector extension unit insert	<i>dto.</i>	11/3	5TC1 502	024 1	
Technical specifications					
Sensing angle	approx. 180				
Assembly height	1.10 m / 2.20 m (depending on the version)				
Sensing field					
• 1.10 m lens	approx. 10 m x 12 m				
• 2.20 m lens	approx. 12 m x 12 m				
Number of lenses / lens levels					
• 1.10 m lens	18 / 2				
• 2.20 m lens	26 / 3				
Rated voltage flush mounting inserts	230 V AC / 50 Hz				
Operating temperature	approx. –20 ... +45 C				
After-run time, permanently set	approx. 2 min				
Locking time after switch-off	approx. 3 sec				
Brightness threshold value	approx. 0 to 80 lux / daytime operation				
Number of extension units at the flush mounting insert					
• Motion detector extension unit	max.10				
• Mechanical pushbutton (without glow lamps)	unlimited				

* You can order this quantity or a multiple thereof.

DELTA i-system

Motion detectors

Design	Order No.	Price	PG	PS* / P. unit
		1 item		Items
 <p>Comfort motion detector top The Comfort motion detector top responds to heat motion and initiates a switching process. The lighting remains switched on for as long as the motion detector top detects movement. Otherwise, it is switched off after an adjustable after-run time has expired and lighting can only be switched on again after a locking time of 3 sec. The Comfort motion detector top is operated in combination with a motion detector insert, which must be ordered separately according to technical requirements (relay, triac or extension unit insert). The sensing range can be extended when combined with the motion detector extension unit insert. 2 different versions are available, depending on the desired assembly height (1.10 or 2.20 m). Thanks to their modular design, tops and inserts can be freely combined. The Comfort motion detector top can also be set to short-time duty. This makes it possible to control acoustic signal transducers (bells) for the monitoring of an entry door (for example). The sensing range of a center unit can be extended by connecting a maximum of 10 motion detector extension units. The number of connectable passive extension units is unlimited (e.g. pushbutton, 1 NO contact, 5TD2 120). Furthermore, it is possible to continuously set the sensitivity between 20 and 100 %. The operating mode (continuous OFF / automatic / continuous ON) can be selected using a slide switch which can also be secured in the automatic position.</p> <ul style="list-style-type: none"> • Assembly height 1.10 m <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) 5TC1 505 – electrical white (RAL 1013) 5TC1 530 – aluminum metallic (similar to RAL 9006) 5TC1 510 – carbon metallic (similar to RAL 7016) 5TC1 514 • Assembly height 2.20 m <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) 5TC1 506 – electrical white (RAL 1013) 5TC1 531 – aluminum metallic (similar to RAL 9006) 5TC1 511 – carbon metallic (similar to RAL 7016) 5TC1 515 				
Inserts	Section	Page		
Motion detector relay insert	<i>Motion detectors</i>	11/2	5TC1 500	024 1
Motion detector triac insert	<i>dto.</i>	11/3	5TC1 501	024 1
Motion detector extension unit insert	<i>dto.</i>	11/3	5TC1 502	024 1
Technical specifications				
Sensing angle	approx. 180			
Assembly height	1.10 m / 2.20 m (depending on the version)			
Sensing field				
• 1.10 m lens	approx. 10 m x 12 m			
• 2.20 m lens	approx. 12 m x 12 m			
Number of lenses / lens levels				
• 1.10 m lens	18 / 2			
• 2.20 m lens	26 / 3			
Rated voltage flush mounting inserts	230 V AC / 50 Hz			
Operating temperature	approx. -20 ... +45 C			
Delay time	approx. 10 sec to 30 min			
Locking time after switch-off	approx. 3 sec			
Brightness threshold value	approx. 0 to 80 lux / daytime operation			
Number of extension units at the flush mounting insert				
• Motion detector extension unit	max.10			
• Mechanical pushbutton (without glow lamps)	unlimited			




Selection and ordering data





Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
General information				
size of cover plates: 55 mm x 55 mm				
Note	Section	Page		
All rockers and cover plates shown here can be combined with the frames of the DELTA line product range, see ...	<i>DELTA line</i>	2/8		
All rockers and cover plates shown here can be combined with the frames and color elements of the DELTA vita product range, see ...	<i>DELTA vita</i>	3/6		
All rockers and cover plates shown here can be combined with the frames of the DELTA miro product range, see ...	<i>DELTA miro</i>	4/8		
Rocker, double, with Up/Down symbols				
• titanium white (similar to RAL 9010)			5TG6 214	021 1/10
• electrical white (RAL 1013)			5TG6 284	021 1/10
• aluminum metallic (similar to RAL 9006)			5TG6 254	021 1/10
• carbon metallic (similar to RAL 7016)			5TG6 234	021 1/10
Inserts	Section	Page		
Shutter/blind switch, with electrical and mechanical interlock	<i>Shutter/blind control</i>	12/2	5TA2 154	021 1/10
Shutter/blind pushbutton, with electrical interlock	<i>dto.</i>	12/2	5TA2 114	021 1/10
DELTA UP 116 bus coupling unit, pushbutton position, double	<i>dto.</i>	17/2	5WG1 116-2AB31	030 1
Rocker, double, with labeling field				
• titanium white (similar to RAL 9010)			5TG6 212	021 1/10
• electrical white (RAL 1013)			5TG6 282	021 1/10
• aluminum metallic (similar to RAL 9006)			5TG6 252	021 1/10
• carbon metallic (similar to RAL 7016)			5TG6 232	021 1/10
Inserts	Section	Page		
Shutter/blind switch, with electrical and mechanical interlock	<i>Shutter/blind control</i>	12/2	5TA2 154	021 1/10
Shutter/blind pushbutton, with electrical interlock	<i>dto.</i>	12/2	5TA2 114	021 1/10
DELTA UP 116 bus coupling unit, center position, double	<i>GAMMA building management systems</i>	17/2	5WG1 116-2AB11	030 1
DELTA UP 116 bus coupling unit, pushbutton position, double	<i>dto.</i>	17/2	5WG1 116-2AB31	030 1
Note	Section	Page		
Sheet of pictographs 5TG1 137 must be ordered separately, see ...	<i>Accessories and spare parts</i>	1/39	5TG1 137	021 1



DELTA i-system



Shutter/blind control



Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
 <p>Shutter/blind key-operated switch for master-key systems, with Up/Down symbols 10 A, 250 V AC key can only be withdrawn in neutral position <i>profile semicylinder 5TG4 225 (see below) must be ordered separately</i></p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) 	– 1-pole, changeover contact with neutral position			
	momentary-contact and maintained-contact position to left and right	5TA7 664	021	1
	momentary-contact position to left and right	5TA7 666	021	1
	maintained-contact position to left and right	5TA7 668	021	1
	– 2-pole,- changeover contact with neutral position			
	momentary-contact and maintained-contact position to left and right	5TA7 665	021	1
	momentary-contact position to left and right	5TA7 667	021	1
	– 2-pole, changeover contact without neutral position			
	maintained-contact position to left and right, key can be withdrawn in both maintained-contact positions	5TA7 670	021	1
	• electrical white (RAL 1013)			
	– 1-pole, changeover contact with neutral position			
	momentary-contact and maintained-contact position to left and right	5TA7 675	021	1
	momentary-contact position to left and right	5TA7 677	021	1
	maintained-contact position to left and right	5TA7 680	021	1
	– 2-pole,- changeover contact with neutral position			
	momentary-contact and maintained-contact position to left and right	5TA7 676	021	1
	momentary-contact position to left and right	5TA7 678	021	1
	– 2-pole, changeover contact without neutral position			
	maintained-contact position to left and right, key can be withdrawn in both maintained-contact positions	5TA7 681	021	1
	Note	Section	Page	
For further technical information, see ...	<i>Technical information/ Shutter/blind control/Shut- ter/blind key-operated switches, for master-key systems</i>	18/45		
 <p>Profile semicylinder for "shutter/blind key-operated switch for master-key systems" CES product with three keys of identical key type</p>		5TG4 225	021	1/10
 <p>Shutter/blind knob-operated switch with Up/Down symbols 10 A, 250 V AC momentary-contact and maintained-contact position to left and right and neutral position</p> <ul style="list-style-type: none"> • 1-pole (changeover contact with neutral position) 	– titanium white (similar to RAL 9010)	5TA7 660	021	1
	– electrical white (RAL 1013)	5TA7 671	021	1
	• 2-pole (changeover contact with neutral position)			
	– titanium white (similar to RAL 9010)	5TA7 661	021	1
	– electrical white (RAL 1013)	5TA7 672	021	1
Note	Section	Page		
For further technical information, see ...	<i>Technical information/ Shutter/blind control/Shut- ter/blind knob-operated switches</i>	18/44		

Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
 <p>Shutter/blind knob-operated switch with "Down-0-Up" labeling 10 A, 250 V AC 1-pole (changeover contact with neutral position) momentary-contact position to left and right and neutral position</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) <p>Note</p> <p>For further technical information, see ...</p>	5TA7 663		021	1	
	5TA7 674		021	1	
	Note	Section	Page		
	For further technical information, see ...	<i>Technical information/ Shutter/blind control/Shut- ter/blind knob-operated switches</i>	18/44		
 <p>Shutter/blind key-operated switch with Up/Down symbols with safety lock and 2 keys 10 A, 250 V AC 1-pole identical key type key can only be withdrawn in neutral position momentary-contact and maintained-contact position to left and right and neutral position</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) <p>Note</p> <p>For further technical information, see ...</p>	5TA7 662		021	1	
	5TA7 673		021	1	
	Note	Section	Page		
	For further technical information, see ...	<i>Technical information/ Shutter/blind control /Shut- ter/blind key-operated switches</i>	18/43		
 <p>Shutter/blind sys pushbutton</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) • aluminum metallic (similar to RAL 9006) • carbon metallic (similar to RAL 7016) <p>Inserts</p> <p><i>Shutter/blind control sys insert</i></p> <p>Note</p> <p>For a more detailed explanation of the shutter/blind sys pushbutton, see ...</p> <p>For further technical information, see ...</p>	5TC1 321		024	1	
	5TC1 320		024	1	
	5TC1 323		024	1	
	5TC1 322		024	1	
	Inserts	Section	Page		
	<i>Shutter/blind control sys insert</i>	<i>Shutter/blind control</i>	12/3	5TC1 231	024 1
	Note	Section	Page		
For a more detailed explanation of the shutter/blind sys pushbutton, see ...	<i>Remote control systems</i>	15/2			
For further technical information, see ...	<i>Technical information/ Shutter/blind control/Shut- ter/blind sys pushbuttons</i>	18/46			
 <p>UP 211 wave shutter/blind pushbutton</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • aluminum metallic (similar to RAL 9006) • carbon metallic (similar to RAL 7016) <p>Inserts</p> <p><i>Shutter/blind control sys insert</i></p> <p>Note</p> <p>For a more detailed explanation of the UP 211 wave shutter/blind pushbutton, see ...</p> <p>For further technical information, see ...</p>	5WG3 211-2HB11		030	1	
	5WG3 211-2HB31		030	1	
	5WG3 211-2HB21		030	1	
	Inserts	Section	Page		
	<i>Shutter/blind control sys insert</i>	<i>Shutter/blind control</i>	12/3	5TC1 231	024 1
	Note	Section	Page		
	For a more detailed explanation of the UP 211 wave shutter/blind pushbutton, see ...	<i>Remote control systems</i>	15/2		
For further technical information, see ...	<i>Technical information/ Shutter/blind control/Shut- ter/blind sys pushbuttons</i>	18/46			

DELTA i-system

Shutter/blind control




Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
 <p>Shutter/blind control for controlling a blind motor or shutter motor with mechanical or electronic limit switches. Operation is by means of 4 control buttons.</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) • aluminum metallic (similar to RAL 9006) • carbon metallic (similar to RAL 7016) 	5TC1 520		024	1
	5TC1 532		024	1
	5TC1 522		024	1
	5TC1 524		024	1
	Product features			
Flush mounting device without an extension unit input				
230 V AC, 50 Hz (N conductor required)				
For screw and claw fixing				
Type of connection: screw-type terminals				
2 relays which are interlocked against each other with a minimum switchover time of approx. 1 sec				
Bridging of voltage interruptions < 0.2 sec				
Connected load: max. 1 motor to 1000 W				
Pulse duration: approx. 2 min				
Accuracy: ± 1 min per month				
Reserve power: > 6 h				
Switching times: max. 4 (in 2 blocks: Mo to Fr / Sa to Su)				
Factory preset switching times for faster commissioning				
Possible reset to factory settings				
Manual operation possible at any time				
 <p>Comfort shutter/blind control For controlling a blind motor or shutter motor with mechanical or electronic limit switches and comprehensive functionality (see the product characteristics). Menu-controlled operation by means of 4 control buttons.</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) • aluminum metallic (similar to RAL 9006) • carbon metallic (similar to RAL 7016) 	5TC1 521		024	1
	5TC1 533		024	1
	5TC1 523		024	1
	5TC1 525		024	1
	Note	Section	Page	
The <i>sun sensor</i> must be ordered separately, see ...	<i>Accessories and spare parts</i>	1/41	5TC1 526	024 1
Product features				
Flush mounting device without an extension unit input				
230 V AC, 50 Hz (N conductor required)				
For screw and claw fixing				
Type of connection: screw-type terminals				
2 relays which are interlocked against each other with a minimum switchover time of approx. 1 sec				
Bridging of voltage interruptions < 0.2 sec				
Connected load: max. 1 motor to 1000 W				
Pulse duration: 2 min factory setting, may be changed to 12 min by configuration				
Accuracy: ± 1 min per month				
Reserve power: approx. 24 h				
Switching times: max. 18 (can be split up in three memories)				
Factory preset switching times for faster commissioning				
Possible reset to factory settings				
Random generator ± 15 min				
Astro program (can be delayed by ± 1 h 59 min)				
Easy changeover from summer to winter time.				
Twilight and sun protection function is possible with an optional sun sensor				
The random and Astro functions can be combined.				
Manual operation possible at any time				

Design	Order No.	Price	PG	PS*/ P. unit					
		1 item		Items					
 <p>Shutter/blind control flush mounting isolating relay, double, with individual control</p> <p>Relay for controlling several shutters or blinds. Two motors can be controlled per isolation relay, even if further isolation relays are connected downstream. It is possible to individually control the connected motors using blind push-buttons (e.g. 5TA2 114). The isolation relay must be installed in a surface or flush mounting box (flush mounting box, from 70 mm Ø or surface mounting boxes from 100 mm x 100 mm), only for in-phase operation 8 A (AC1) or 3 A (ind.), 230 V AC, 50 Hz 58 mm x 59 mm x 22 mm</p>	5TC1 270		024	1					
<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 control/ UP isolating relays for shutter/blind control</i></td> <td>18/54</td> </tr> </tbody> </table>	Note	Section	Page	For further technical information, see ...	<i>Technical information/ Shutter/blind control/ UP isolating relays for shutter/blind control</i>	18/54			
Note	Section	Page							
For further technical information, see ...	<i>Technical information/ Shutter/blind control/ UP isolating relays for shutter/blind control</i>	18/54							
 <p>Shutter/blind control flush mounting isolating relay, compact NEW</p> <p>Relay for the control of several shutters or blinds, two motors can be connected per compact isolation relay, whereby the drive connected to the marked motor terminals can also be controlled individually over a blind pushbutton. If cascaded, a motor can be connected to each compact isolation relay, which can also be individually controlled over a blind pushbutton. The isolation relay should be installed in a surface mounting or flush mounting box (flush mounting box from 60 mm Ø, 40 mm deep or surface mounting boxes from 75 mm x 75 mm). Only for in-phase operation 8 A (AC1) or 3 A (ind.), 230 V AC, 50 Hz 50 mm x 53 mm x 22 mm available for delivery from 01/2005</p>	5TC1 271		024	1					
<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/shut- ter/blind control/ Compact flush mounting isolating relays for shutter/ blind control</i></td> <td>18/55</td> </tr> </tbody> </table>	Note	Section	Page	For further technical information, see ...	<i>Technical information/shut- ter/blind control/ Compact flush mounting isolating relays for shutter/ blind control</i>	18/55			
Note	Section	Page							
For further technical information, see ...	<i>Technical information/shut- ter/blind control/ Compact flush mounting isolating relays for shutter/ blind control</i>	18/55							




DELTA i-system

Room temperature controller

Selection and ordering data

Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
General information				
for stand-alone devices and combinations for screw fixing degree of protection IP20 size of cover plates: 55 mm x 55 mm				
Cover plate for room temperature controller, NC/changeover contact				
	• titanium white (similar to RAL 9010)	5TC9 221	024	1
	• electrical white (RAL 1013)	5TC9 220	024	1
	• aluminum metallic (similar to RAL 9006)	5TC9 250	024	1
	• carbon metallic (similar to RAL 7016)	5TC9 251	024	1
	Inserts	Section	Page	
<i>Room temperature controller, 1 NC contact</i>	<i>Room temperature control</i>	13/2	5TC9 200	024 1
<i>Room temperature controller, 1 CO contact</i>	<i>dto.</i>	13/2	5TC9 201	024 1
Cover plate for room temperature controller, 3-position switch				
Possible positions: automatic timing, constant day temperature, constant nighttime reduction.				
	• titanium white (similar to RAL 9010)	5TC9 223	024	1
	• electrical white (RAL 1013)	5TC9 222	024	1
	• aluminum metallic (similar to RAL 9006)	5TC9 252	024	1
	• carbon metallic (similar to RAL 7016)	5TC9 253	024	1
	Inserts	Section	Page	
<i>Room temperature controller 3-position switch</i>	<i>Room temperature control</i>	13/2	5TC9 202	024 1
Cover plate for room temperature controller, direct floor heating				
	• titanium white (similar to RAL 9010)	5TC9 225	024	1
	• electrical white (RAL 1013)	5TC9 224	024	1
	• aluminum metallic (similar to RAL 9006)	5TC9 254	024	1
	• carbon metallic (similar to RAL 7016)	5TC9 255	024	1
	Inserts	Section	Page	
<i>Room temperature controller, direct floor heating</i>	<i>Room temperature control</i>	13/3	5TC9 203	024 1




Selection and ordering data

Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
General information for stand-alone devices and combinations for screw fixing degree of protection IP20 size of cover plates: 55 mm x 55 mm				
	UP 221 pushbutton, single <small>NEW</small> for the following functions: • Switching (On/Off, Over) • Sending values • Dimming • Moving blinds/shutters • Adjusting blind slats • Calling up and setting scenes (optionally 1 or 8 bit) wide labeling field, flat design horizontal operation with one pushbutton pair			
	• titanium white (similar to RAL 9010)	5WG1 221-2AB11		030 1
	• electrical white (RAL 1013)	5WG1 221-2AB01		030 1
	• aluminum metallic (similar to RAL 9006)	5WG1 221-2AB31		030 1
	• carbon metallic (similar to RAL 7016)	5WG1 221-2AB21		030 1
Inserts	Section	Page		
<i>UP 110 bus coupling unit</i>				
• Mounting depth 27 mm	<i>GAMMA building management systems</i>	17/2	5WG1 110-2AB03	030 1
• Mounting depth 19 mm	<i>dto.</i>	17/2	5WG1 110-2AB11	030 1
	UP 221 pushbutton, double <small>NEW</small> for the following functions: • Switching (On/Off, Over) • Sending values • Dimming • Moving blinds/shutters • Adjusting blind slats • Calling up and setting scenes (optionally 1 or 8 bit) wide labeling field, flat design horizontal operation with one pushbutton pair			
	• titanium white (similar to RAL 9010)	5WG1 222-2AB11		030 1
	• electrical white (RAL 1013)	5WG1 222-2AB01		030 1
	• aluminum metallic (similar to RAL 9006)	5WG1 222-2AB31		030 1
	• carbon metallic (similar to RAL 7016)	5WG1 222-2AB21		030 1
Inserts	Section	Page		
<i>UP 110 bus coupling unit</i>				
• Mounting depth 27 mm	<i>GAMMA building management systems</i>	17/2	5WG1 110-2AB03	030 1
• Mounting depth 19 mm	<i>dto.</i>	17/2	5WG1 110-2AB11	030 1
	UP 221 pushbutton, triple <small>NEW</small> for the following functions: • Switching (On/Off, Over) • Sending values • Dimming • Moving blinds/shutters • Adjusting blind slats • Calling up and setting scenes (optionally 1 or 8 bit) wide labeling field, flat design horizontal operation with one pushbutton pair			
	• titanium white (similar to RAL 9010)	5WG1 223-2AB11		030 1
	• electrical white (RAL 1013)	5WG1 223-2AB01		030 1
	• aluminum metallic (similar to RAL 9006)	5WG1 223-2AB31		030 1
	• carbon metallic (similar to RAL 7016)	5WG1 223-2AB21		030 1
Inserts	Section	Page		
<i>UP 110 bus coupling unit</i>				
• Mounting depth 27 mm	<i>GAMMA building management systems</i>	17/2	5WG1 110-2AB03	030 1
• Mounting depth 19 mm	<i>dto.</i>	17/2	5WG1 110-2AB11	030 1









* You can order this quantity or a multiple thereof.

DELTA i-system

GAMMA *instabus*

Design	Order No.	Price	PG	PS*/ P. unit												
		1 item		Items												
 <p>UP 140 coupler <small>new</small> connects the GAMMA wave radio system to the GAMMA <i>instabus</i>. The coupler is a special wave pushbutton, which is clipped onto an instabus UP 114 bus coupling unit. The transmission is bidirectional whereby indications and commands that are received over radio are sent on the <i>instabus</i> and vice versa. Bus telegrams received over radio are forwarded. The pushbutton of the coupler also supports an additional operator function over radio and/or over instabus. The programming of the coupler and the teaching of the radio components is carried out using the ETS Height: 24 mm (incl. spring)</p> <ul style="list-style-type: none"> titanium white (similar to RAL 9010) aluminum metallic (similar to RAL 9006) carbon metallic (similar to RAL 7016) 																
	5WG3 140-2HB11															
	5WG3 140-2HB31															
	5WG3 140-2HB21															
<table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>UP 114 bus coupling unit</td> <td>GAMMA building management systems</td> <td>17/3</td> </tr> </tbody> </table>	Inserts	Section	Page	UP 114 bus coupling unit	GAMMA building management systems	17/3	5WG1 114-2AB02		030	1						
Inserts	Section	Page														
UP 114 bus coupling unit	GAMMA building management systems	17/3														
 <p>UP 237 room temperature controller Can be used as a two-position controller or continuous-action controller for controlling electrothermal or motorized actuators 5 LEDs for operating status display Presence pushbutton Rotary button for shifting the basic setpoint.</p> <ul style="list-style-type: none"> titanium white (similar to RAL 9010) aluminum metallic (similar to RAL 9006) carbon metallic (similar to RAL 7016) 																
	5WG1 237-2AB11		030	1												
	5WG1 237-2AB31		030	1												
	5WG1 237-2AB21		030	1												
<table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>UP 110 bus coupling unit</td> <td></td> <td></td> </tr> <tr> <td>• Mounting depth 27 mm</td> <td>GAMMA building management systems</td> <td>17/2</td> </tr> <tr> <td>• Mounting depth 19 mm</td> <td>dto.</td> <td>17/2</td> </tr> </tbody> </table>	Inserts	Section	Page	UP 110 bus coupling unit			• Mounting depth 27 mm	GAMMA building management systems	17/2	• Mounting depth 19 mm	dto.	17/2	5WG1 110-2AB03		030	1
Inserts	Section	Page														
UP 110 bus coupling unit																
• Mounting depth 27 mm	GAMMA building management systems	17/2														
• Mounting depth 19 mm	dto.	17/2														
5WG1 110-2AB11		030	1													
 <p>UP 258 motion detectors Proximity switch for detecting persons. The integrated passive infrared motion sensor (PIR) reacts to temperature changes in its monitoring range. Can be used as stand-alone device or for main and secondary operation.</p> <ul style="list-style-type: none"> Assembly height 1.10 m <ul style="list-style-type: none"> titanium white (similar to RAL 9010) aluminum metallic (similar to RAL 9006) carbon metallic (similar to RAL 7016) Assembly height 2.20 m <ul style="list-style-type: none"> titanium white (similar to RAL 9010) aluminum metallic (similar to RAL 9006) carbon metallic (similar to RAL 7016) 																
	5WG1 258-2HB11		030	1												
	5WG1 258-2HB31		030	1												
	5WG1 258-2HB21		030	1												
	5WG1 258-2HB12		030	1												
	5WG1 258-2HB32		030	1												
	5WG1 258-2HB22		030	1												
	<table border="1"> <thead> <tr> <th>Inserts</th> <th>Section</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>UP 110 bus coupling unit</td> <td></td> <td></td> </tr> <tr> <td>• Mounting depth 27 mm</td> <td>GAMMA building management systems</td> <td>17/2</td> </tr> <tr> <td>• Mounting depth 19 mm</td> <td>dto.</td> <td>17/2</td> </tr> </tbody> </table>	Inserts	Section	Page	UP 110 bus coupling unit			• Mounting depth 27 mm	GAMMA building management systems	17/2	• Mounting depth 19 mm	dto.	17/2	5WG1 110-2AB03		030
Inserts	Section	Page														
UP 110 bus coupling unit																
• Mounting depth 27 mm	GAMMA building management systems	17/2														
• Mounting depth 19 mm	dto.	17/2														
5WG1 110-2AB11		030	1													




Selection and ordering data







Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
General information				
degree of protection: IP20 size of cover plates: 55 mm x 55 mm				
	Cover plate for TAE outlet box			
	• titanium white (similar to RAL 9010)	5TG2 563		021 1/10
	• electrical white (RAL 1013)	5TG2 593		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG1 256		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG1 226		021 1/10
	Inserts	Section	Page	
	TAE 6F+N, black ¹⁾ 	Data and communication systems	14/3	5TG2 853 021 1
	TAE 3x 6NFN, black ¹⁾	dto.	14/3	5TG2 480 021 1
	TAE 2x 6/NFF, black ¹⁾ 	dto.	14/3	5TG2 854 021 1
	UAE 8/6 / TAE 6F+N, black 	dto.	14/3	5TG2 855 021 1
Note				
1) Design for Austria on request.				
	Cover plate for UAE outlet box, Cat 3, single for inserts from Ackermann, (without central plate) with 45° inclined outlet			
	• titanium white (similar to RAL 9010)	5TG1 210		021 1/10
	• electrical white (RAL 1013)	5TG1 207		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG1 260		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG1 230		021 1/10
	Cover plate for UAE outlet box, Cat 3, double for inserts from Ackermann, (without central plate) with 45° inclined outlet			
	• titanium white (similar to RAL 9010)	5TG1 211		021 1/10
	• electrical white (RAL 1013)	5TG1 208		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG1 261		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG1 231		021 1/10
	Cover plate for UAE outlet box, Cat 5, single, with labeling field for device contact units UAE-DAT from BTR with 45° inclined outlet LSA-Plus connection method			
	• titanium white (similar to RAL 9010)	5TG1 212		021 1/10
	• electrical white (RAL 1013)	5TG1 214		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG1 262		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG1 232		021 1/10
	Cover plate for UAE outlet box, Cat 5, double, with labeling field for device contact units UAE-DAT from BTR with 45° inclined outlet LSA-Plus connection method			
	• titanium white (similar to RAL 9010)	5TG1 213		021 1/10
	• electrical white (RAL 1013)	5TG1 215		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG1 263		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG1 233		021 1/10

* You can order this quantity or a multiple thereof.

DELTA i-system



Communication

Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
 <p>Cover plate for UAE outlet box for Cat 3 and Cat 5 inserts from Rutenbeck, for Cat 6 inserts from BTR (E-DAT) with 45° inclined outlet for single and double</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) • aluminum metallic (similar to RAL 9006) • carbon metallic (similar to RAL 7016) 					
	5TG2 545		021	1/10	
	5TG2 543		021	1/10	
	5TG1 257		021	1/10	
	5TG1 227		021	1/10	
	Inserts	Section	Page		
	<i>UAE outlet box, Cat 3, Rutenbeck, 1 x 8-pole</i>	<i>Data and communication systems</i>	14/4	5TG2 417	021 1
	<i>UAE outlet box, Cat 3, Rutenbeck, 2 x 8-pole</i>	<i>dto.</i>	14/4	5TG2 406	021 1
	<i>UAE outlet box, Cat 5e, Rutenbeck, 1 x 8-pole</i>	<i>dto.</i>	14/4	5TG2 418	021 1
	<i>UAE outlet box, Cat 5e, Rutenbeck, 2 x 8-pole</i>	<i>dto.</i>	14/4	5TG2 407	021 1
<i>UAE outlet box, Cat 6, BTR, 2 x 8-pole</i>	<i>dto.</i>	14/4	5TG2 408	021 1/10	
Note	The cover plate for the UAE outlet box can be combined with inserts AMJ45 and UMJ45 Up 0 (without central plate) from Telegärtner.				
 <p>Cover plate for UAE outlet box with labeling field for Cat 3 and Cat 5 inserts from Rutenbeck for Cat 6 inserts from BTR (E-DAT) with 45 inclined outlet for single and double models</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) • electrical white (RAL 1013) • aluminum metallic (similar to RAL 9006) • carbon metallic (similar to RAL 7016) 					
	5TG2 546		021	1/10	
	5TG2 544		021	1/10	
	5TG1 258		021	1/10	
	5TG1 228		021	1/10	
	Inserts	Section	Page		
	<i>UAE outlet box, Cat 3, Rutenbeck, 1 x 8-pole</i>	<i>Data and communication systems</i>	14/4	5TG2 417	021 1
	<i>UAE outlet box, Cat 3, Rutenbeck, 2 x 8-pole</i>	<i>dto.</i>	14/4	5TG2 406	021 1
	<i>UAE outlet box, Cat 5e, Rutenbeck, 1 x 8-pole</i>	<i>dto.</i>	14/4	5TG2 418	021 1
	<i>UAE outlet box, Cat 5e, Rutenbeck, 2 x 8-pole</i>	<i>dto.</i>	14/4	5TG2 407	021 1
<i>UAE outlet box, Cat 6, BTR, 2 x 8-pole</i>	<i>dto.</i>	14/4	5TG2 408	021 1/10	
Note	The cover plate for the UAE outlet box can be combined with inserts AMJ45 and UMJ45 Up 0 (without central plate) from Telegärtner.				
 <p>Cover plate with D-subminiature connection, single for screw fixing plug-in connector with soldered connection</p> <ul style="list-style-type: none"> • 9-pole <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) – electrical white (RAL 1013) • 15-pole <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) – electrical white (RAL 1013) • 25-pole <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) – electrical white (RAL 1013) 					
	5TG2 052		021	1/10	
	5TG2 040		021	1/10	
	5TG2 053		021	1/10	
	5TG2 041		021	1/10	
	5TG2 054		021	1/10	
	5TG2 042		021	1/10	




Design	Order No.	Price 1 item	PG	PS*/ P. unit Items	
 <p>Cover plate with D-subminiature connection, double for screw fixing plug-in connector with soldered connection</p> <ul style="list-style-type: none"> • 9-pole <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) 5TG2 055 – electrical white (RAL 1013) 5TG2 043 • 15-pole <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) 5TG2 060 – electrical white (RAL 1013) 5TG2 044 • 25-pole <ul style="list-style-type: none"> – titanium white (similar to RAL 9010) 5TG2 061 – electrical white (RAL 1013) 5TG2 045 					
				021	1/10
				021	1/10
				021	1/10
				021	1/10
				021	1/10
				021	1/10
 <p>Cover plate with BNC/TNC connection with 75 Ω socket contacts for screw and claw fixing crimp connection</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) 5TG2 065 • electrical white (RAL 1013) 5TG2 050 					
			021	1/10	
 <p>Cover plate with BNC/TNC connection, double with 75 Ω socket contacts for screw and claw fixing crimp connection</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) 5TG2 068 • electrical white (RAL 1013) 5TG2 067 					
			021	1/10	
 <p>Cover plate for IBM-LAN connection without connector for screw fixing</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) 5TG2 066 • electrical white (RAL 1013) 5TG2 051 • aluminum metallic (similar to RAL 9006) 5TG1 264 • carbon metallic (similar to RAL 7016) 5TG1 234 					
			021	1/10	
			021	1/10	
			021	1/10	
 <p>Cover plate with ACO mounting box (DIN) shielded for screw fixing AMP connection 1 set contains inserts with cover plate and coupling frame</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) 5TG2 035 • electrical white (RAL 1013) 5TG2 031 					
			021	1	
 <p>Cover plate for Western-Nevada-Omni connection (from Thomas & Betts) for Omni panel insert clip 025-1099-1W with screw fixing</p> <ul style="list-style-type: none"> • titanium white (similar to RAL 9010) 5TG2 020 • electrical white (RAL 1013) 5TG2 017 • aluminum metallic (similar to RAL 9006) 5TG1 265 • carbon metallic (similar to RAL 7016) 5TG1 235 					
			021	1/10	
			021	1/10	
			021	1/10	

DELTA i-system

Communication


Design	Order No.	Price 1 item	PG	PS*/ P. unit Items
 <p>Cover plate for SML for ICCS cabling</p> <ul style="list-style-type: none"> titanium white (similar to RAL 9010) electrical white (RAL 1013) aluminum metallic (similar to RAL 9006) carbon metallic (similar to RAL 7016) 	5TG2 016		021	1/10
	5TG2 015		021	1/10
	5TG1 266		021	1/10
	5TG1 236		021	1/10
 <p>Cover plate for loudspeaker connection with 2 loudspeaker outlets in compliance with DIN 49 529 for screw and claw fixing screw connection</p> <ul style="list-style-type: none"> titanium white (similar to RAL 9010) electrical white (RAL 1013) aluminum metallic (similar to RAL 9006) carbon metallic (similar to RAL 7016) 	5TG2 562		021	1/10
	5TG2 592		021	1/10
	5TG1 255		021	1/10
	5TG1 225		021	1/10

Selection and ordering data

Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
General information				
degree of protection: IP20 size of cover plates: 55 mm x 55 mm				
	Cover plate for TV/RF/SAT connection, 2-hole version			
	• titanium white (similar to RAL 9010)	5TG2 561	021	1/10
	• electrical white (RAL 1013)	5TG2 591	021	1/10
	• aluminum metallic (similar to RAL 9006)	5TG1 253	021	1/10
	• carbon metallic (similar to RAL 7016)	5TG1 223	021	1/10
	Inserts		Section	Page
<i>Aerial branch-circuit box</i>		<i>Data and communication systems</i>	14/2	5TG2 485
<i>Aerial through-way box/ terminal box</i>		<i>dto.</i>	14/2	5TG2 484
	Cover plate for TV/RF/SAT connection, 3-hole version			
	• titanium white (similar to RAL 9010)	5TG2 548	021	1/10
	• electrical white (RAL 1013)	5TG2 528	021	1/10
	• aluminum metallic (similar to RAL 9006)	5TG1 252	021	1/10
	• carbon metallic (similar to RAL 7016)	5TG1 222	021	1/10
	Cover plate for TV/RF/SAT connection, 4-hole version			
	with double SAT connection suitable for Hirschmann SAT EVU O2F box			
	• titanium white (similar to RAL 9010)	5TG2 565	021	1/10
	• electrical white (RAL 1013)	5TG2 595	021	1/10
	• aluminum metallic (similar to RAL 9006)	5TG1 254	021	1/10
• carbon metallic (similar to RAL 7016)	5TG1 224	021	1/10	

Equipotential bonding

Selection and ordering data





Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
	Outlet for equipotential bonding, double			
	size of cover plate: 55 mm x 55 mm for screw fixing complies with DIN 42 801 for cables 1 x 6 mm ² and 4 x 2.5 mm ² screw connection			
	• titanium white (similar to RAL 9010)	5TG2 564	021	1/10
• electrical white (RAL 1013)	5TG2 594	021	1/10	

* You can order this quantity or a multiple thereof.


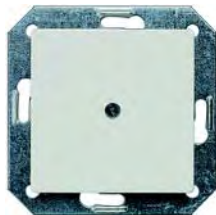


DELTA i-system

School program

Selection and ordering data





Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
General information large rockers: 55 mm x 55 mm screw-on rockers, tools required for dismantling degree of protection IP20					
Note For the school program, all other screw-on cover plates of the DELTA i-system product range can be used as well.					
	Rocker, neutral, with fixing screw				
	• titanium white (similar to RAL 9010)		5TG6 261	021	1/10
	• electrical white (RAL 1013)		5TG6 291	021	1/10
	Inserts	Section	Page		
	<i>Universal switch, for school program</i>	<i>Switching/pushbutton control/dimming</i>	10/2	5TA2 131	021 1/10
	<i>Intermediate switch, for school program</i>	<i>dto.</i>	10/3	5TA2 132	021 1/10
	<i>Pushbutton, 1 NO contact, for school program</i>	<i>dto.</i>	10/8	5TD2 125	021 1/10
	Rocker with fixing screw and window				
	• titanium white (similar to RAL 9010)		5TG6 260	021	1/10
	• electrical white (RAL 1013)		5TG6 290	021	1/10
	Inserts	Section	Page		
	<i>Control switch, for switch-off, for school program</i>	<i>Switching/pushbutton control/dimming</i>	10/5	5TA2 130	021 1/10
	<i>Universal switch, for school program</i>	<i>dto.</i>	10/2	5TA2 131	021 1/10
	<i>Intermediate switch, for school program</i>	<i>dto.</i>	10/3	5TA2 132	021 1/10
	<i>Pushbutton, 1 NO contact, for school program</i>	<i>dto.</i>	10/8	5TD2 125	021 1/10
	Rocker, double, neutral, with fixing screws				
	• titanium white (similar to RAL 9010)		5TG6 265	021	1/10
	• electrical white (RAL 1013)		5TG6 295	021	1/10
	Inserts	Section	Page		
	<i>Two-circuit switch for school program</i>	<i>Switching/pushbutton control/dimming</i>	10/7	5TA2 128	021 1/10
	Rocker with fixing screw and Light symbol and window				
	• titanium white (similar to RAL 9010)		5TG6 266	021	1/10
	• electrical white (RAL 1013)		5TG7 296		
	Inserts	Section	Page		
	<i>Pushbutton, 1 NO contact, for school program</i>	<i>Switching/pushbutton control/dimming</i>	10/8	5TD2 125	021 1/10
	<i>Control switch, for switch-off, for school program</i>	<i>dto.</i>	10/5	5TA2 130	021 1/10
	<i>Universal switch, for school program</i>	<i>dto.</i>	10/2	5TA2 131	021 1/10
	<i>Intermediate switch, for school program</i>	<i>dto.</i>	10/3	5TA2 132	021 1/10




Selection and ordering data

Design	Order No.	Price	PG	PS*/ P. unit
		1 item		Items
Add-on devices				
General information for screw and claw fixing degree of protection IP20 size of cover plates: 55 mm x 55 mm				
	Hotel card switch, with lighting for cards up to 54 x 85 mm, 0.7 to 1.0 mm thick On insertion of a card, a mechanical contact is operated with a <i>pushbutton insert</i> , 1 CO contact, with separate neutral terminal (5TD2 117) incl. glow lamp (5TG7 332)			
	• titanium white (RAL 9010)	5TG4 820		021 1
	• electrical white (RAL 1013)	5TG4 824		021 1
	• aluminum metallic (similar to RAL 9006)	5TG4 821		021 1
	• carbon metallic (similar to RAL 7016)	5TG4 822		021 1
	Blanking cover plate incl. supporting frame			
	• titanium white (RAL 9010)	5TG2 558		021 1/10
	• electrical white (RAL 1013)	5TG2 588		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG1 250		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG1 220		021 1/10
	Outlet plate incl. supporting frame with strain relief			
	• titanium white (RAL 9010)	5TG2 566		021 1/10
	• electrical white (RAL 1013)	5TG2 596		021 1/10
	• aluminum metallic (similar to RAL 9006)	5TG1 251		021 1/10
	• carbon metallic (similar to RAL 7016)	5TG1 221		021 1/10
	Light signal 250 V AC with glow lamp 5TG7 301 with red window			
	• titanium white (RAL 9010)	5TD2 813		021 1/5
	• electrical white (RAL 1013)	5TD2 814		021 1/5
	• aluminum metallic (similar to RAL 9006)	5TD2 866		021 1/5
	• carbon metallic (similar to RAL 7016)	5TD2 865		021 1/5
Note	Section	Page		
Spare window set, see ...	Accessories and spare parts	1/42	5TG4 200	021 1 set/ 10 sets

DELTA i-system

Accessories and spare parts

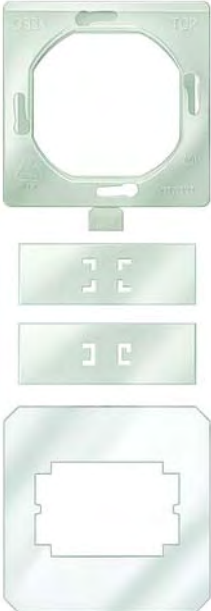
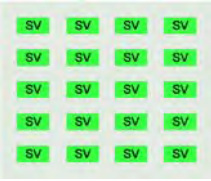


Design	Order No.	Price	PG	PS*/ P. unit	
		1 item		Items	
 <p>Cover plate for flush mounting control device for screw fixing</p> <ul style="list-style-type: none"> titanium white (similar to RAL 9010) <ul style="list-style-type: none"> for 18.5 mm Ø 5TG2 567 021 1/10 for 18.5 mm Ø, central plate, yellow (similar to RAL 1018) on request for 22.5 mm Ø (DIN 43 696) 5TG2 568 021 1/10 for 22.5 mm Ø (DIN 43 696), central plate, yellow (similar to RAL 1018) on request electrical white (RAL 1013) <ul style="list-style-type: none"> for 18.5 mm Ø 5TG2 597 021 1/5 for 18.5 mm Ø, central plate, yellow (similar to RAL 1018) on request for 22.5 mm Ø (DIN 43 696) 5TG2 598 021 1/5 for 22.5 mm Ø (DIN 43 696), central plate, yellow (similar to RAL 1018) on request 					
	Note	Section	Page		
	Emergency stop pushbutton, see ...	Low-voltage switchgear/ Control and signaling devices/Pushbuttons and LEDs	-		
	 <p>Time switch 250 V AC/16 A 2-pole, switched for screw fixing Runtime: 15 min</p> <ul style="list-style-type: none"> titanium white (RAL 9010) 5TT1 011 027 1 electrical white (RAL 1013) 5TT1 012 027 1 				
		 <p>Volume control 3 W, 27 Ω, mono</p> <ul style="list-style-type: none"> titanium white (RAL 9010) 5TG4 815 021 1 electrical white (RAL 1013) 5TG4 823 021 1 			
	 <p>Cover plate for subminiature connector complies with DIN 41 524/529 complies with DIN 45 322/325/326/327/328/329</p> <ul style="list-style-type: none"> titanium white (RAL 9010) 5TG2 577 021 1/10 electrical white (RAL 1013) 5TG2 547 021 1/5 				


Design	Order No.	Price 1 item	PG	PS*/ P. unit Items
Accessories for rockers				
 <p>Sheet of pictographs, for single rocker with labeling field</p>	5TG1 136		021	1
 <p>Sheet of pictographs, for double rocker with labeling field</p>	5TG1 137		021	1
 <p>Labeling field insert "Heizung Emergency Switch" for rocker with labeling field</p>	5TG1 138		021	1

* You can order this quantity or a multiple thereof.

DELTA i-system




Accessories and spare parts

Design	Order No.	Price 1 item	PG	PS*/ P. unit Items
 <p>IP44 set of seals for rockers for single or double rockers</p>	5TG4 324		021	1 set/ 10 sets
Accessories for outlets				
 <p>IP44 seal, for outlets for SCHUKO outlet with hinged lid</p>	5TG4 318		021	1/10
 <p>"SV" label sheets for marking the inserts</p>	5UH1 084		021	1
 <p>"ZSV" label sheets for marking the inserts</p>	5UH1 085		021	1
 <p>"WSV" label sheets for marking the inserts</p>	5UH1 086		021	1

Design	Order No.	Price	PG	PS*/ P. unit					
		1 item		Items					
Accessories for dimmers									
	Spare fuses 250 V								
	<ul style="list-style-type: none"> • T 1.6 H 250 V NEW for incandescent lamp dimmer, 50 to 400 W (5TC8 256) for sensor dimmer, without/with memory function, 20 to 400 W (5TC8 240 / 5TC8 232) 	5TG8 302	024	1/10					
	<ul style="list-style-type: none"> • T 2.5 H 250 V for incandescent lamp dimmer, 50 to 600 W (5TC8 257) for incandescent lamp dimmer, 60 to 600 W (5TC8 200) for low-voltage dimmer for conventional transformer (5TC8 286) 	5TG8 305	024	1/10					
	<ul style="list-style-type: none"> • T 4 H 250 V for low-voltage dimmer for magnetic transformers (5TC8 283) for electronic potentiometers (5TC8 424 and 5TC8 420) for speed regulating rheostats (5TC8 604 and 5TC8 603) 	5TG8 330	024	1/10					
	<ul style="list-style-type: none"> • T 5 H 250 V NEW for fluorescent lamp dimmer, 20 to 1000 VA (5TC8 407) 	5TG8 400	024	1/10					
Accessories for shutter/blind controls									
	Sun sensor with 2-m connecting cable (extendable to 25 m) in combination with the Comfort shutter/blind control the sun sensor can be used for sun protection and twilight functions.	5TC1 526	024	1					
	<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 control/Com- fort shutter/blind control</i></td> <td>18/50</td> </tr> </tbody> </table>	Note	Section	Page	For further technical information, see ...	<i>Technical information/ Shutter/blind control/Com- fort shutter/blind control</i>	18/50		
Note	Section	Page							
For further technical information, see ...	<i>Technical information/ Shutter/blind control/Com- fort shutter/blind control</i>	18/50							
Spare parts									
	Spare glow lamp, 250 V AC, for light signal	5TG7 301	021	1/10					
	Spare glow lamp for SCHUKO outlets with status display 1.5 mA, 230 V AC/50 Hz	5TG7 304	021	1/5					
	Spare overvoltage protection module for SCHUKO outlets with overvoltage protection	5UH1 300	021	1					
	<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/Out- lets/SCHUKO outlets with overvoltage protection</i></td> <td>18/11</td> </tr> </tbody> </table>	Note	Section	Page	For further technical information, see ...	<i>Technical information/Out- lets/SCHUKO outlets with overvoltage protection</i>	18/11		
Note	Section	Page							
For further technical information, see ...	<i>Technical information/Out- lets/SCHUKO outlets with overvoltage protection</i>	18/11							

DELTA i-system

Accessories and spare parts

Design	Order No.	Price	PG	PS*/ P. unit																				
		1 item		Items																				
 <p>Spare window set for light signal A set contains 2 x clear, 2 x red and 2 x white</p>	5TG4 200		021	1 set/ 10 sets																				
 <p>Glow lamps, with protection against contact 230 V AC</p> <table border="1"> <thead> <tr> <th>Luminosity</th> <th>Power consumption</th> <th>Base color</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>weak</td> <td>0.18 mA</td> <td>white</td> <td>5TG7 321</td> <td>021 1/10</td> </tr> <tr> <td>average</td> <td>0.9 mA</td> <td>gray</td> <td>5TG7 332</td> <td>021 1/10</td> </tr> <tr> <td>strong</td> <td>1.35 mA</td> <td>blue</td> <td>5TG7 342</td> <td>021 1/10</td> </tr> </tbody> </table>	Luminosity	Power consumption	Base color			weak	0.18 mA	white	5TG7 321	021 1/10	average	0.9 mA	gray	5TG7 332	021 1/10	strong	1.35 mA	blue	5TG7 342	021 1/10				
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 <p>Incandescent lamps base color: white</p> <table border="1"> <thead> <tr> <th>Voltage</th> <th>Power consumption</th> <th>Base color</th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>8 V</td> <td>35 mA</td> <td>white</td> <td>5TG7 313</td> <td>021 1/10</td> </tr> <tr> <td>12 V</td> <td>40 mA</td> <td>white</td> <td>5TG2 785</td> <td>021 1/10</td> </tr> <tr> <td>24 V</td> <td>20 mA</td> <td>white</td> <td>5TG7 314</td> <td>021 1/10</td> </tr> </tbody> </table>	Voltage	Power consumption	Base color			8 V	35 mA	white	5TG7 313	021 1/10	12 V	40 mA	white	5TG2 785	021 1/10	24 V	20 mA	white	5TG7 314	021 1/10				
Voltage	Power consumption	Base color																						
8 V	35 mA	white	5TG7 313	021 1/10																				
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