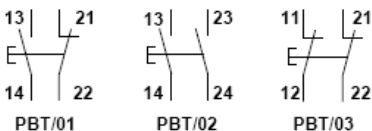
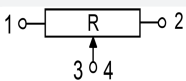
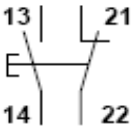
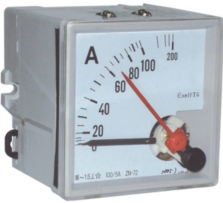


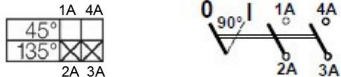
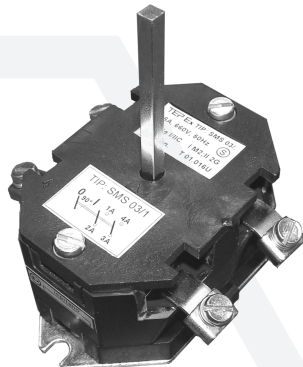
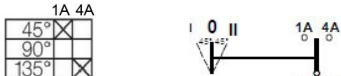
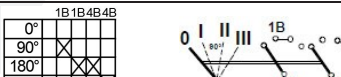
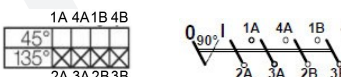
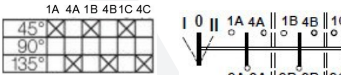
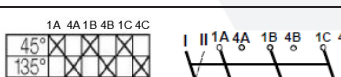
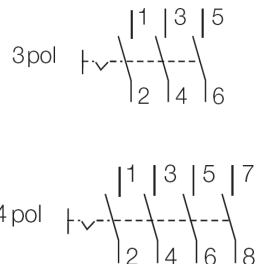
BUILT-IN COMPONENTS ACTUATORS AND INDICATORS



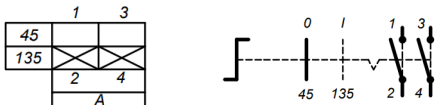
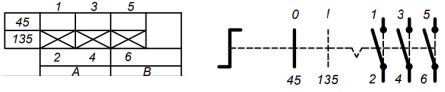
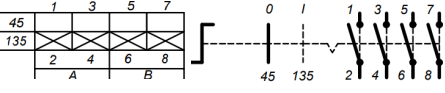
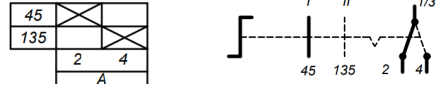
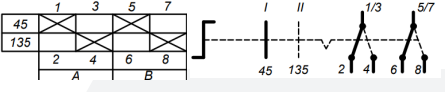
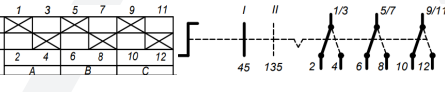
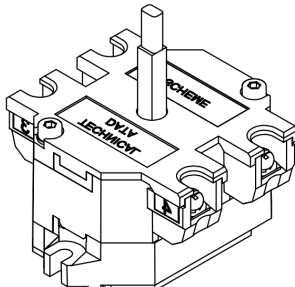
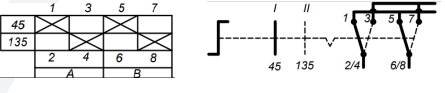
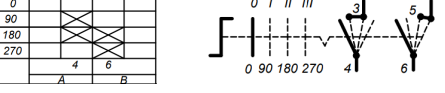
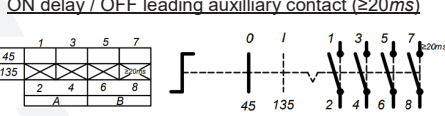
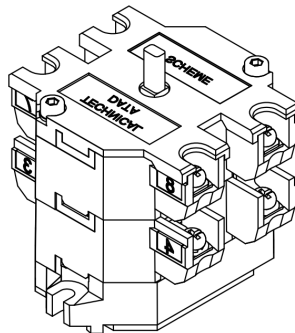
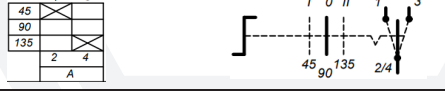
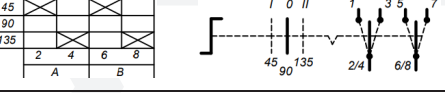
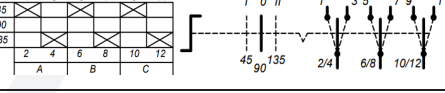
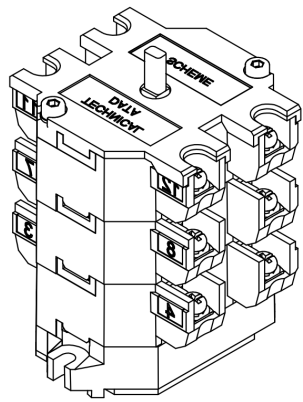
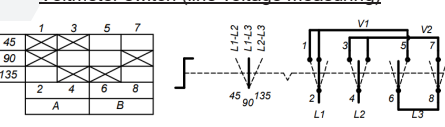
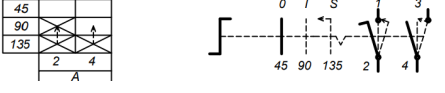
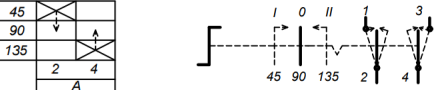
BUILT-IN COMPONENTS

Description, type	Scheme	Overview
Pushbutton PBT/. - Isulation voltage U_i: 690V AC - Rated thermal current I_{th}: 16 A - Terminals: 2,5 mm²		
Signal lamp SLP - Rated voltage: 12-250 V / 230-400 V AC/DC - Max. current: 20-8 mA - Terminals: 2,5 mm²		
Potentiometer - Rated voltage: 315 V AC/DC - Rated power: 1 W - Characteristic: linear - Terminals: 2,5 mm²	 Resistance R: 1,0 kΩ 5,0 kΩ 10 kΩ	
Double Pushbutton - Rated voltage: 630 V AC - Rated current: 16 A - Terminals: 2,5 mm²		
Measuring instrument ammeter AM 72 - instrument with moving-coil - DC milammeter (0 - 20 mA, 4 - 20 mA) or ammeter for current transformer (n/1A, n/5A) - Scale is created according to customer's request - Measuring accuracy: class 1,5 - Overloading area: 1 : 1,2 - Terminals: 2 x 1,5 - 4 mm²		
Measuring instrument voltmeter VM 72 - instrument with moving iron - Measuring range : 6 - 660 V - Scale is created according to customer's request - Measuring accuracy: class 1,5 - Overload range: 1 : 1,5 - Terminals: 2 x 1,5 - 4 mm²		

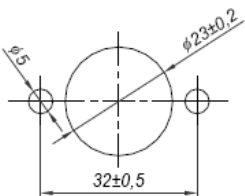
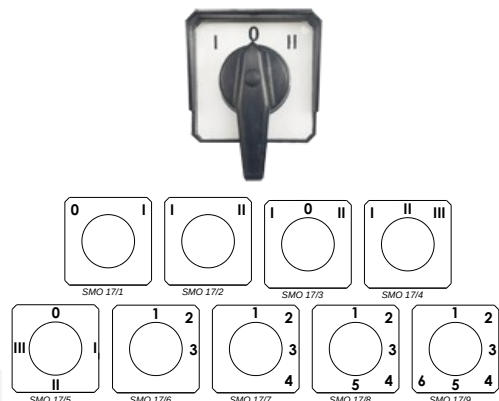
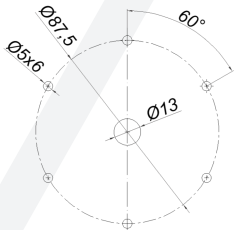
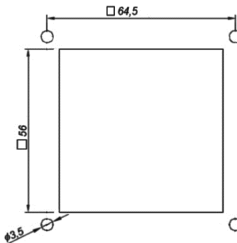
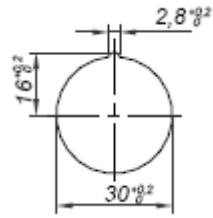
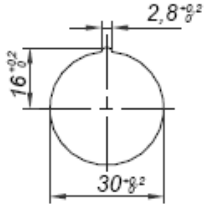
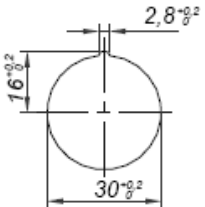
BUILT-IN COMPONENTS

Description, type	Scheme / types	Overview
Control switch SMS 03/. •Rated voltage: 690 V AC •Rated current: 16 A •Terminals: 2,5 mm ²	 SMS 03/1	
	 SMS 03/2	
	 SMS 03/3	
	 SMS 03/4	
	 SMS 03/5	
	 SMS 03/6	
	 SMS 03/7	
	 SMS 03/8	
	 SMS 03/9	
	 SMS 03/10	
	 SMS 03/11	
	 SMS 03/12	
Main control switch Rated voltage: 690 V AC Rated current : 40– 100 A Terminals: 16 - 25 mm ²		

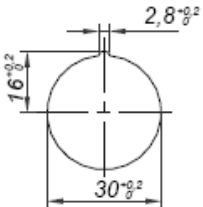
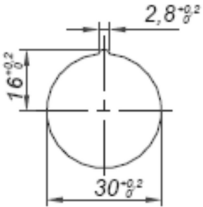
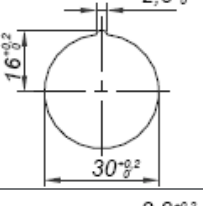
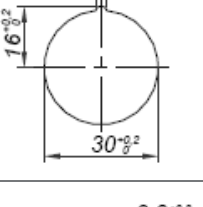
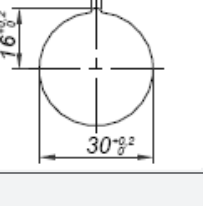
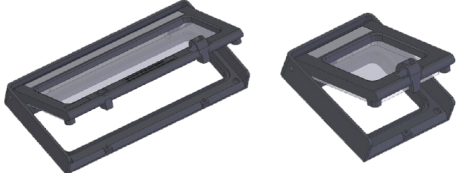
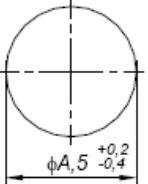
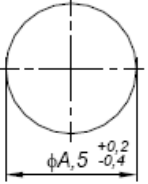
BUILT-IN COMPONENTS

Description, type	Scheme / types	Overview
Control switch SMS 04/. • Rated voltage: 660 V AC • Rated current: 20 A • Terminals: 2,5 mm ²	 SMS 04/2	 
	 SMS 04/3	
	 SMS 04/4	
	 SMS 04/9	
	 SMS 04/10	
	 SMS 04/11	
	 SMS 04/17	
	 SMS 04/18	
	<u>ON delay / OFF leading auxilliary contact (≥20ms)</u>  SMS 04/23	
	 SMS 04/49	
	 SMS 04/52	
	 SMS 04/53	
	<u>Voltmeter switch (line voltage measuring)</u>  SMS 04/61	
	 SMS 04/70	
	 SMS 04/75	

ACTUATORS AND INDICATORS

Description, type	Mounting	Overview																										
Switch actuator SMO 17/.																												
Switch actuator																												
Front element of measuring instruments (ammeter or voltmeter) SAM 72																												
Pushbutton actuator SPO 01/.		<table><tr><th colspan="2">Type SPO 01/.</th></tr><tr><td>SPO 01/01</td><td>0</td></tr><tr><td>SPO 01/02</td><td>I</td></tr><tr><td>SPO 01/03</td><td>II</td></tr><tr><td>SPO 01/04</td><td>RED</td></tr><tr><td>SPO 01/05</td><td>GREEN</td></tr><tr><td>SPO 01/06</td><td>WHITE</td></tr><tr><td>SPO 01/07</td><td>START</td></tr><tr><td>SPO 01/08</td><td>STOP</td></tr><tr><td>SPO 01/09</td><td>ON</td></tr><tr><td>SPO 01/10</td><td>OFF</td></tr><tr><td>SPO 01/11</td><td>BLACK</td></tr><tr><td>SPO 01/12</td><td>BLUE</td></tr></table>	Type SPO 01/.		SPO 01/01	0	SPO 01/02	I	SPO 01/03	II	SPO 01/04	RED	SPO 01/05	GREEN	SPO 01/06	WHITE	SPO 01/07	START	SPO 01/08	STOP	SPO 01/09	ON	SPO 01/10	OFF	SPO 01/11	BLACK	SPO 01/12	BLUE
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SPO 01/10	OFF																											
SPO 01/11	BLACK																											
SPO 01/12	BLUE																											
Front element of signal lamp SPO 02/.		<table><tr><th colspan="2">Type SPO 02/.</th></tr><tr><td>SPO 02/01</td><td>RED</td></tr><tr><td>SPO 02/02</td><td>GREEN</td></tr><tr><td>SPO 02/03</td><td>AMBER</td></tr><tr><td>SPO 02/04</td><td>TRANSPARENT</td></tr><tr><td>SPO 02/05</td><td>BLUE</td></tr></table>	Type SPO 02/.		SPO 02/01	RED	SPO 02/02	GREEN	SPO 02/03	AMBER	SPO 02/04	TRANSPARENT	SPO 02/05	BLUE														
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SPO 02/02	GREEN																											
SPO 02/03	AMBER																											
SPO 02/04	TRANSPARENT																											
SPO 02/05	BLUE																											
Key-operated pushbutton actuator																												

ACTUATORS AND INDICATORS

Description, type	Mounting	Overview
Mushroom-head pushbutton actuator (EMERGENCY-STOP)		
Key-operated mushroom-head pushbutton actuator (EMERGENCY-STOP)		
Potentiometer actuator		
Double pushbutton actuator		
Pushbutton rotate actuator		
Inspection Ex eb window 120x140 mm 280x140 mm	-	
Cable gland plastic Exe/Exi ISO 16 - ISO 75		
Cable gland for armoured non-armoured cable metal Exd/Exe ISO 16 - ISO 75		

BUILT-IN COMPONENTS

Description, type	Scheme	Overview
Mantle terminals SL5 / SL8 - Rated voltage: 400 V - Rated current: 10/16 A - Connection terminals: 3 x 4 mm², 2 x 4 mm² + 2 x 2,5 mm²	-	
MCB - Miniature circuit breaker 1p/2p/3p/4p,B/C, 0,5-63A,6/10 kA	-	
Built-in Ex d socket 16 A (3p/5p) 32 A (4p)	-	
Residual current circuit breaker Ex d 2p/4p 25/40/63 A, 30 mA, 10 kA - with or without auxiliary contact	-	
MCB - Miniature circuit breaker Tex MCB 1 pole - Rated current In: 1 A, 2 A 50 A ,63 A - Tripping charact.: B, C, D, K, Z	-	
Miniature fuse type PBT-F - Rated current In: 50 mA 10A - Burnout characteristic: - F (Fast-Acting) - T (Time-Lag)	-	

BUILT-IN COMPONENTS

Description, type	Mounting	Overview
Digital indicator Ex eb - measured value indication 4 - 20 mA - HART sensors on customer's request	-	
Terminals TH 35-7.5 5 terminals 4 mm² 2 terminals 16 mm² - Rated voltage: 690 V AC - Rated current: 10/16 A	-	
N/PE busbar (only for SKX 15, 17, 18 & 20) 11 x max. 2x4 mm²	-	
HRC Fuse Ex d, 3p	-	
Transformator Ex eb Factory protected against overload	-	