

Remote control switch Contact for 32 A Voltage 24 V DC 1 change-over contact



Model	
Product brand name	SETRON
Product designation	Remote control switch
Latching relay design	Mechanical switch
General technical data	
Electrical endurance (switching cycles)	50 000
Pulse duration / minimum	100 ms
Galvanic isolation / between magnet coil and contact	Yes
Switching voltage / of the contacts / at AC / minimum	10 V
Switching current / at AC / per contact / minimum	100 mA
Power loss [V·A] / of magnet coil / with pulse / rated value	9 V·A
Voltage	
Continuous voltage fuse version	Yes
Surge voltage resistance / rated value	3 kV
Supply voltage	400 V
Supply voltage	
Type of voltage	AC

Supply voltage	230 ... 400 V
<b>Protection class</b>	
Protection class IP	IP20
<b>Switching capacity</b>	
Switching capacity apparent power	
• for fluorescent lamp load with DUO circuit	2 436 V·A
• for fluorescent lamp load with parallel compensation	1 218 V·A
• for uncompensated fluorescent lamp load	2 204 V·A
Switching capacity current	
• at cos phi 0.6	32 A
• Rated value	32 A
Switching capacity active power / with filament lamp load	7 000 W
<b>Dissipation</b>	
Power loss [W]	
• at 16 A / per contact / rated value	3 W
• of magnet coil / with pulse / rated value	9 W
<b>Control current</b>	
Type of voltage	
• of control voltage_1	DC
Control voltage	
• _1 / initial value	207 V
• _1 / Full-scale value	253 V
• _1 / setpoint	24 V
<b>Product details</b>	
Product component / Switch position indicator	Yes
<b>Product function</b>	
Product function / direct operation	Yes
<b>Number</b>	
Number of terminals	3
Number of NC contacts	0
Number of NO contacts	0
Number of CO contacts	1
<b>Connections</b>	
Connectable conductor cross-section	
• for flexible conductor / with core end processing	1 ... 10 mm <sup>2</sup>
• for rigid conductor	1 ... 10 mm <sup>2</sup>
<b>Mechanical Design</b>	

Height	90 mm
Width	17.5 mm
Width of opening / of the contacts	3 mm
Depth	73 mm
Mounting height	90 mm
Installation depth	73 mm
Number of width units	1
Mounting type	DIN rail
Mounting position	Horizontal and vertical
Net weight	174 g

#### Environmental conditions

Ambient temperature	-25 ... +55 °C
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#### Certificates

Reference code

- acc. to DIN EN 61346-2 K
- acc. to DIN EN 81346-2 K

**Declaration of Conformity**

**Test Certificates**

[Miscellaneous](#)



#### Further information

**Information- and Downloadcenter (Catalogs, Brochures,...)**

<http://www.siemens.com/lowvoltage/catalogs>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5TT4457-5>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4457-5>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT4457-5](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4457-5)

**CAX-Online-Generator**

<http://www.siemens.com/cax>

**Tender specifications**

<http://www.siemens.com/specifications>





