

Remote control switch with 2 NO contacts, with shutter circuit  
 Contact for 230 V AC, 400V 16A Control 24 V AC



Model	
Product brand name	SENTRON
Product designation	Remote control switch
Latching relay design	others
General technical data	
Electrical endurance (switching cycles)	50 000
Pulse duration / minimum	50 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	7 V·A
Voltage	
Continuous voltage fuse version	Yes
Surge voltage resistance / rated value	4 kV
Supply voltage	250 V
Supply voltage	
Type of voltage	AC

Supply voltage	250 ... 250 V
<b>Protection class</b>	
Protection class IP	IP20, with connected conductors
<b>Switching capacity</b>	
Switching capacity apparent power	
<ul style="list-style-type: none"> <li>• for fluorescent lamp load with DUO circuit</li> </ul>	900 V·A
<ul style="list-style-type: none"> <li>• for fluorescent lamp load with parallel compensation</li> </ul>	400 V·A
<ul style="list-style-type: none"> <li>• for uncompensated fluorescent lamp load</li> </ul>	500 V·A
Switching capacity current	
<ul style="list-style-type: none"> <li>• at cos phi 0.6</li> </ul>	16 A
<ul style="list-style-type: none"> <li>• Rated value</li> </ul>	16 A
Switching capacity active power / with filament lamp load	2 000 W
<b>Dissipation</b>	
Power loss [W]	
<ul style="list-style-type: none"> <li>• at 16 A / per contact / rated value</li> </ul>	1.2 W
<ul style="list-style-type: none"> <li>• of magnet coil / with pulse / rated value</li> </ul>	4.5 W
Switching current	
<ul style="list-style-type: none"> <li>• with glow lamp load / with 5TT4 920 compensating capacitor</li> </ul>	25 mA
<ul style="list-style-type: none"> <li>• with glow lamp load</li> </ul>	5 mA
<b>Control current</b>	
Type of voltage	
<ul style="list-style-type: none"> <li>• of control voltage_1</li> </ul>	AC
Control voltage	
<ul style="list-style-type: none"> <li>• _1 / initial value</li> </ul>	19.2 V
<ul style="list-style-type: none"> <li>• _1 / Full-scale value</li> </ul>	26.4 V
<ul style="list-style-type: none"> <li>• _1 / setpoint</li> </ul>	24 V
Control voltage frequency	
<ul style="list-style-type: none"> <li>• _1 / initial value</li> </ul>	50 Hz
<ul style="list-style-type: none"> <li>• _1 / Full-scale value</li> </ul>	50 Hz
Operating range factor control supply voltage rated value / at AC / at 50 Hz	
<ul style="list-style-type: none"> <li>• initial value</li> </ul>	0.8
<ul style="list-style-type: none"> <li>• Full-scale value</li> </ul>	1.1
<b>Product details</b>	
Product component / Switch position indicator	Yes
<b>Product function</b>	
Product function / direct operation	Yes

Number	
Number of terminals	6
Number of NC contacts	0
Number of NO contacts	2
Number of CO contacts	0

Connections	
Connectable conductor cross-section	
<ul style="list-style-type: none"> <li>• for flexible conductor / with core end processing</li> <li>• for rigid conductor</li> </ul>	1 ... 6 mm <sup>2</sup>
Tightening torque / with screw-type terminals	0.8 ... 1 N·m

Mechanical Design	
Width of opening / of the contacts	1.2 mm
Mounting height	90 mm
Installation depth	70 mm
Number of width units	1
Mounting type	DIN rail
Mounting position	any
Required spacing / for live parts	6 mm
Net weight	146 g

Environmental conditions	
Ambient temperature	-10 ... +40 °C

Certificates		
<b>General Product Approval</b>	<b>Declaration of Con-</b> <b>formity</b>	<b>Test Certificates</b>



[Miscellaneous](#)



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### 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=5TT4142-2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4142-2>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT4142-2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4142-2)

**CAX-Online-Generator**

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

**Tender specifications**

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



