

Remote control switch with 1 NO contact, and 1 NC Contact for 230 V AC, 400V 16A Control 12V AC



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	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	
Type of voltage	AC
Continuous voltage fuse version	Yes
Surge voltage resistance / rated value	4 kV
Supply voltage	250 V
Supply voltage / minimum	250 V

Protection class	
Protection class IP	IP20, with connected conductors
Switching capacity	
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
Dissipation	
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
Control current	
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>	9.6 V
<ul style="list-style-type: none"> <li>• _1 / Full-scale value</li> </ul>	13.2 V
<ul style="list-style-type: none"> <li>• _1 / setpoint</li> </ul>	12 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
Product details	
Product component / Switch position indicator	Yes
Product function	
Product function / direct operation	Yes
Number	

Number of terminals	6
Number of NC contacts	1
Number of NO contacts	1
Number of CO contacts	0

### Connections

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



### Mechanical Design

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

### Environmental conditions

<b>Ambient temperature</b>	
<ul style="list-style-type: none"> <li>• minimum -10 °C</li> <li>• maximum 40 °C</li> </ul>	

### Certificates

<b>General Product Approval</b>	<b>Declaration of Con- formity</b>	<b>Test Certificates</b>
 <a href="#">Miscellaneous</a>	 EG-Konf.	<a href="#">Miscellaneous</a>

### 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=5TT4105-3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4105-3>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT4105-3](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4105-3)

CAX-Online-Generator

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

Tender specifications

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

