

Remote control switch 1 NO Central and group switching Contact for 230 V AC, 400V 16A Control 230 V AC



| Model  |                         |
|--|-------------------------|
| Product brand name   | SETRON                  |
| Product designation  | Remote control switch   |
| Latching relay design  | Mechanical group 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  |                         |
| 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>                 | 700 V·A                         |
| <ul style="list-style-type: none"> <li>• for fluorescent lamp load with parallel compensation</li> </ul>       | 300 V·A                         |
| <ul style="list-style-type: none"> <li>• for uncompensated fluorescent lamp load</li> </ul>                    | 400 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                              |
| <ul style="list-style-type: none"> <li>• of control voltage_2</li> </ul>                                       | AC                              |
| Control voltage  |                                 |
| <ul style="list-style-type: none"> <li>• _1 / initial value</li> </ul>   | 184 V                           |
| <ul style="list-style-type: none"> <li>• _1 / Full-scale value</li> </ul>                                      | 253 V                           |
| <ul style="list-style-type: none"> <li>• _1 / setpoint</li> </ul>  | 230 V                           |
| <ul style="list-style-type: none"> <li>• _2 / initial value</li> </ul>   | 184 V                           |
| <ul style="list-style-type: none"> <li>• _2 / Full-scale value</li> </ul>                                      | 253 V                           |
| <ul style="list-style-type: none"> <li>• _2 / setpoint</li> </ul>  | 230 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                           |
| <ul style="list-style-type: none"> <li>• _2 / initial value</li> </ul>   | 50 Hz                           |
| <ul style="list-style-type: none"> <li>• _2 / Full-scale value</li> </ul>                                      | 50 Hz                           |
| Operating range factor / of control voltage_2  | 0.8                             |
| Operating range factor control supply voltage rated value / at AC / at 50 Hz                                   |                                 |

- initial value 0.8
- Full-scale value 1.1

### Product details

Product component / Switch position indicator Yes

### Product function

Product function / direct operation Yes

### Number

Number of terminals 8  
 Number of NC contacts 0  
 Number of NO contacts 1  
 Number of CO contacts 0

### Connections

Connectable conductor cross-section  
 • for flexible conductor / with core end processing 1 ... 6 mm<sup>2</sup>  
 • for rigid conductor 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 1.5  
 Mounting type DIN rail  
 Mounting position any  
 Required spacing / for live parts 6 mm  
 Net weight 157 g

### Environmental conditions

Ambient temperature -10 ... +40 °C

### Certificates

**General Product Approval**

**Declaration of Con-  
formity**

**Test Certificates**

[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=5TT4151-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4151-0>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT4151-0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4151-0)

**CAX-Online-Generator**

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

**Tender specifications**

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



