



Remote control switch with 2 NO contacts, with shutter circuit Contact for 230 V AC, 400V 16A Control 12V AC

| Model | |
|--|---------------------------------|
| product brand name | SETRON |
| product designation | Remote control switch |
| latching relay design | others |
| General technical data | |
| electrical endurance (switching cycles) | 50 000 |
| 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 VA |
| Voltage | |
| type of voltage / of the operating voltage | AC |
| continuous voltage fuse version | Yes |
| operating range factor control supply voltage rated value / at AC / at 50 Hz | |
| • initial value | 0.8 |
| • full-scale value | 1.1 |
| surge voltage resistance / rated value | 4 kV |
| supply voltage | 250 V |
| Supply voltage | |
| supply voltage / minimum | 250 V |
| Protection class | |
| protection class IP | IP20, with connected conductors |
| Switching capacity | |
| switching capacity apparent power | |
| • for fluorescent lamp load with DUO circuit | 900 VA |
| • for fluorescent lamp load with parallel compensation | 400 VA |
| • for uncompensated fluorescent lamp load | 500 VA |
| switching capacity current | |
| • at cos phi 0.6 | 16 A |
| • rated value | 16 A |
| switching capacity active power / with incandescent lamp load | 2 000 W |
| Dissipation | |
| power loss [W] | |
| • at 16 A / per contact / rated value | 1.2 W |
| • of magnet coil / with pulse / rated value | 4.5 W |
| switching current | |
| • with glow lamp load / with 5TT4 920 compensating | 25 mA |

| | |
|---|-------------------|
| capacitor | |
| • with glow lamp load | 5 mA |
| Control current | |
| type of voltage | |
| • of control voltage_1 | AC |
| control voltage | |
| • _1 / initial value | 9.6 V |
| • _1 / full-scale value | 13.2 V |
| • _1 / setpoint | 12 V |
| control voltage frequency | |
| • _1 / initial value | 50 Hz |
| • _1 / full-scale value | 50 Hz |
| Product details | |
| product component / switch position indicator | Yes |
| number of NC contacts | 0 |
| number of NO contacts | 2 |
| number of CO contacts | 0 |
| Product function | |
| product function / direct operation | Yes |
| pulse duration / minimum | 50 ms |
| Number | |
| number of terminals | 6 |
| Connections | |
| connectable conductor cross-section / for flexible conductor / with core end processing | |
| • minimum | 1 mm ² |
| • maximum | 6 mm ² |
| connectable conductor cross-section / for rigid conductor | |
| • minimum | 1 mm ² |
| • maximum | 6 mm ² |
| tightening torque / with screw-type terminals | |
| • minimum | 0.8 N·m |
| • maximum | 1 N·m |
| Mechanical Design | |
| width of opening / of the contacts | 1.2 mm |
| mounting height | 90 mm |
| installation depth | 70 mm |
| number of modular width units | 1 |
| fastening method | DIN rail |
| mounting position | any |
| required spacing / for live parts | 6 mm |
| net weight | 146 g |
| Environmental conditions | |
| ambient temperature / during operation | |
| • minimum | -10 °C |
| • maximum | 40 °C |
| General Product Approval | |
| Declaration of Conformity | |

[Confirmation](#)



[Miscellaneous](#)



[UK Declaration of Conformity](#)

Test Certificates

other

[Miscellaneous](#)

[Miscellaneous](#)

[Confirmation](#)

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=5TT4142-3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4142-3>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4142-3

CAX-Online-Generator

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

Tender specifications

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



