# SIEMENS

**Data sheet** <span style="float:right">**5TT4125-0**</span>



Remote control switch with 1 NO contact, and 1 NC with central ON/OFF function Contact for 230 V AC, 400V 16A Control 230 V AC

| Model | |
|---|---|
| product brand name | SENTRON |
| product designation | Remote control switch |
| latching relay design | mechanical for central control |
| **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 | 700 VA |
| ● for fluorescent lamp load with parallel compensation | 300 VA |
| ● for uncompensated fluorescent lamp load | 400 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 |
| ● of control voltage_2 | AC |
| control voltage | |
| ● _1 / initial value | 184 V |
| ● _1 / full-scale value | 253 V |
| ● _1 / setpoint | 230 V |
| ● _2 / initial value | 184 V |
| ● _2 / full-scale value | 253 V |
| ● _2 / setpoint | 230 V |
| control voltage frequency | |
| ● _1 / initial value | 50 Hz |
| ● _1 / full-scale value | 50 Hz |
| ● _2 / initial value | 50 Hz |
| ● _2 / full-scale value | 50 Hz |
| operating range factor / of control voltage_2 | 0.8 |

## Product details

| | |
|---|---|
| product component / switch position indicator | Yes |
| number of NC contacts | 1 |
| number of NO contacts | 1 |
| number of CO contacts | 0 |

## Product function

| | |
|---|---|
| product function / direct operation | Yes |
| pulse duration / minimum | 50 ms |

## Number

| | |
|---|---|
| number of terminals | 8 |

## Connections

| | |
|---|---|
| connectable conductor cross-section / for flexible conductor / with core end processing | |
| ● minimum | 1 mm² |
| ● maximum | 6 mm² |
| connectable conductor cross-section / for rigid conductor | |
| ● minimum | 1 mm² |
| ● maximum | 6 mm² |
| 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 | 1.5 |
| fastening method | DIN rail |
| mounting position | any |
| required spacing / for live parts | 6 mm |
| net weight | 165 g |

## Environmental conditions

| | |
|---|---|
| ambient temperature / during operation | |
| ● minimum | -10 °C |
| ● maximum | 40 °C |

| General Product Approval | Declaration of Conformity |
|---|---|
| Confirmation          Miscellaneous | |

7/24/2022

| Test Certificates | other |

Miscellaneous     Confirmation     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=5TT4125-0

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/5TT4125-0

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4125-0

**CAx-Online-Generator**
http://www.siemens.com/cax

**Tender specifications**
http://www.siemens.com/specifications

7/24/2022

7/24/2022