



Remote control switch with 1 NO contact, Contact for 230 V AC 16 A Control 24 V AC

| Model | |
|--|---------------------------------|
| product brand name | SENTRON |
| product designation | Remote control switch |
| latching relay design | Mechanical switch |
| General technical data | |
| electrical endurance (operating 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 |
| Breaking 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 |
| Control current | |
| type of voltage | |
| • of control voltage_1 | AC |
| control voltage | |

| | |
|---|--------|
| <ul style="list-style-type: none"> • _1 initial value | 19.2 V |
| <ul style="list-style-type: none"> • _1 full-scale value | 26.4 V |
| <ul style="list-style-type: none"> • _1 setpoint | 24 V |
| control voltage frequency | |
| <ul style="list-style-type: none"> • _1 initial value | 50 Hz |
| <ul style="list-style-type: none"> • _1 full-scale value | 50 Hz |

Product details

| | |
|---|-----|
| product component switch position indicator | Yes |
| number of NC contacts | 0 |
| 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 | 4 |
|---------------------|---|

Connections

| | |
|---|-------------------|
| connectable conductor cross-section for flexible conductor with core end processing | |
| <ul style="list-style-type: none"> • minimum | 1 mm ² |
| <ul style="list-style-type: none"> • maximum | 6 mm ² |
| connectable conductor cross-section for rigid conductor | |
| <ul style="list-style-type: none"> • minimum | 1 mm ² |
| <ul style="list-style-type: none"> • maximum | 6 mm ² |
| tightening torque with screw-type terminals | |
| <ul style="list-style-type: none"> • minimum | 0.8 N·m |
| <ul style="list-style-type: none"> • 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 | 133 g |

Environmental conditions

| | |
|---|--------|
| ambient temperature during operation | |
| <ul style="list-style-type: none"> • minimum | -10 °C |
| <ul style="list-style-type: none"> • maximum | 40 °C |

Approvals Certificates

General Product Approval



[Confirmation](#)



[Miscellaneous](#)



| | | |
|-------------------|-------|-------------|
| Test Certificates | other | Environment |
|-------------------|-------|-------------|

[Miscellaneous](#)

[Confirmation](#)

[Miscellaneous](#)

[Environmental Confirmations](#)

Further information

Siemens has decided to exit the Russian market (see here).
<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=5TT4101-2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4101-2>

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

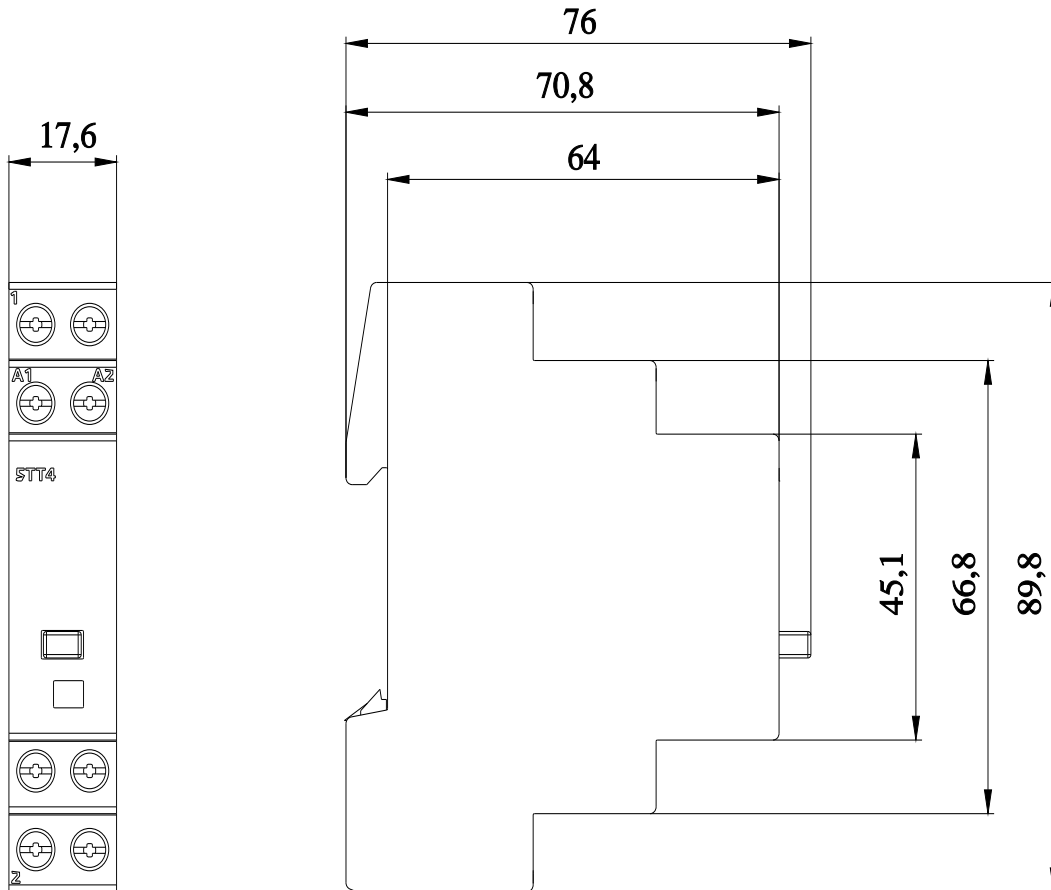
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4101-2

CAX-Online-Generator

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

Tender specifications

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



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