



switching relay with 1 NO contact for 230V AC 16A control 230V AC

| Model | |
|--|---------------------------------|
| product brand name | SETRON |
| product designation | Switching relays |
| design of the product | With 1 NO |
| design of the switching function | 1 NO |
| General technical data | |
| operating range factor of control voltage_1 | 0.8 |
| 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 | 3 VA |
| Voltage | |
| type of voltage of the operating voltage | AC |
| control voltage at AC rated value maximum | 230 V |
| surge voltage resistance rated value | 4 kV |
| Supply voltage | |
| operating voltage | |
| • minimum | 250 V |
| • maximum | 250 V |
| • at AC rated value maximum | 250 V |
| type of voltage of the supply voltage | AC |
| Protection class | |
| protection class IP | IP20, with connected conductors |
| Breaking Capacity | |
| switching capacity apparent power | |
| • for uncompensated fluorescent lamp load | 400 VA |
| switching capacity current at cos phi 0.6 | 16 A |
| switching capacity active power with incandescent lamp load | 1 200 W |
| Dissipation | |
| power loss [W] | |
| • for rated value of the current at AC in hot operating state per pole | 1 W |
| • at 16 A per contact rated value | 1 W |
| • of magnet coil with pulse rated value | 2.4 W |
| Main circuit | |
| operating frequency rated value | 50 Hz |
| operational current | |
| • rated value | 16 A |
| • at cos phi 0.6 ... 1 rated value | 16 A |

| Control current | |
|---|-------|
| type of voltage | AC |
| • of control voltage_1 | |
| control voltage | 230 V |
| • _1 initial value | 230 V |
| • _1 full-scale value | 230 V |
| control voltage frequency | 50 Hz |
| • _1 initial value | 50 Hz |
| • _1 full-scale value | 50 Hz |
| operating range factor of control voltage_2 | 1.1 |
| number of NC contacts | 0 |
| number of NO contacts | 1 |
| number of CO contacts | 0 |

| Product function | |
|-----------------------------------|-----|
| product function direct operation | Yes |

| Inputs Outputs | |
|----------------|----------------------|
| relay design | partially electronic |

| Number | |
|---|---|
| number of terminals with cross-head screw | 1 |

| 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 |

| Mechanical Design | |
|----------------------------------|----------|
| width of opening of the contacts | 1.2 mm |
| installation depth | 90 mm |
| number of modular width units | 1 |
| fastening method | DIN rail |
| mounting position | any |
| required spacing for live parts | 6 mm |

| Environmental conditions | |
|--------------------------------------|--------|
| ambient temperature during operation | |
| • minimum | -10 °C |
| • maximum | 40 °C |

| Approvals Certificates | |
|--------------------------|--|
| General Product Approval | |



[Confirmation](#)



[Miscellaneous](#)

| General Product Approval | Test Certificates | other | Environment | | |
|--------------------------|-------------------|-------|-------------|--|--|
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[Miscellaneous](#)

[Miscellaneous](#)

[Confirmation](#)

[Environmental Confirmations](#)

[Environmental Confirmations](#)

| Further information |
|---------------------|
|---------------------|

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=5TT4201-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4201-0>

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

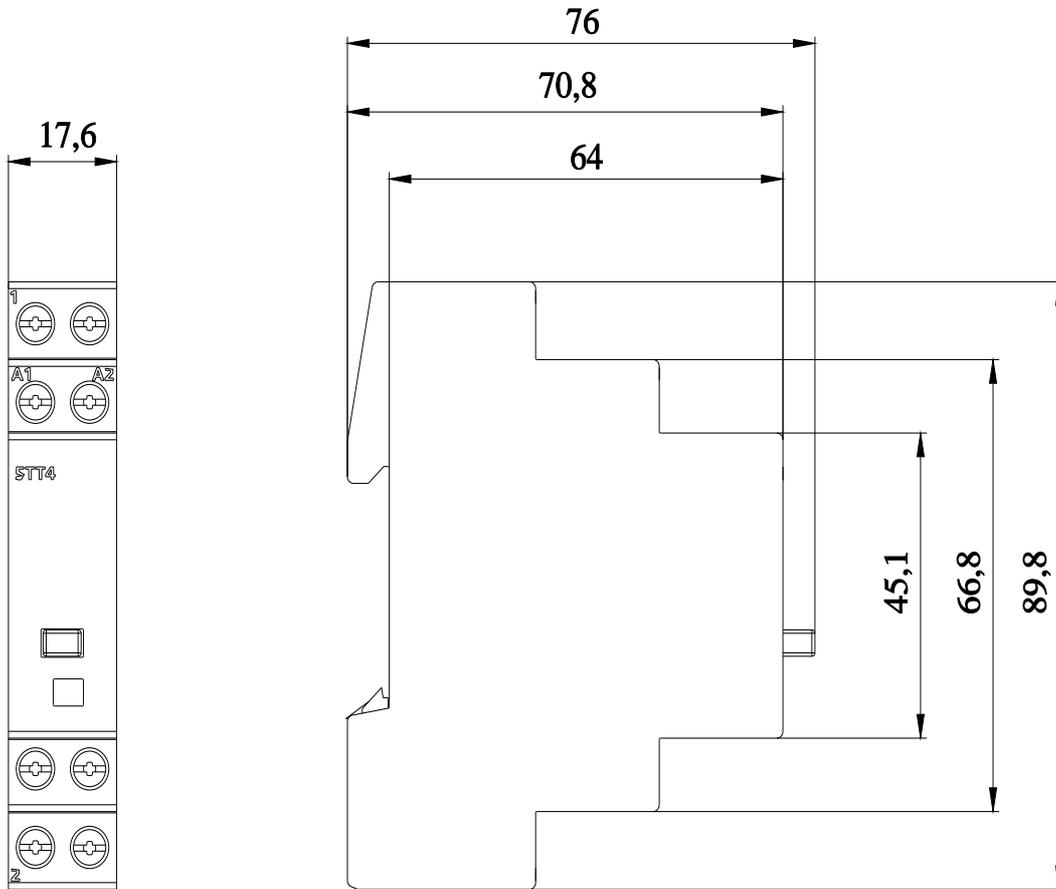
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4201-0

CAX-Online-Generator

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

Tender specifications

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



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