chanhvinh.com

SIEMENS

## Data sheet 5TT4202-1




Figure similar

switching relay with 2 NO, contact for 230V AC 16A control 115V AC

| | |
|---|---|
| **Model** | |
| **product brand name** | SENTRON |
| **product designation** | Switching relays |
| **design of the product** | With 2 NO contacts |
| **design of the switching function** | 2 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 | 115 V |
| surge voltage resistance rated value | 4 kV |
| **Supply voltage** | |
| **operating voltage** | |
| ● minimum | 400 V |
| ● maximum | 400 V |
| ● at AC rated value maximum | 400 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** | |


Subject to change without notice
© Copyright Siemens

chanhvinh.com

| | |
|---|---|
| ● rated value | 16 A |
| ● at cos phi 0.6 ... 1 rated value | 16 A |
| **Control current** | |
| **type of voltage** | |
| ● of control voltage_1 | AC |
| **control voltage** | |
| ● _1 initial value | 115 V |
| ● _1 full-scale value | 115 V |
| **control voltage frequency** | |
| ● _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** | 2 |
| **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 mm² |
| ● maximum | 6 mm² |
| **connectable conductor cross-section for rigid conductor** | |
| ● minimum | 1 mm² |
| ● maximum | 6 mm² |
| **Mechanical Design** | |
| **height** | 90 mm |
| **width** | 18 mm |
| **width of opening of the contacts** | 1.2 mm |
| **depth** | 76 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 |
| **Environmental conditions** | |
| **ambient temperature during operation** | |
| ● minimum | -10 °C |
| ● maximum | 40 °C |

**Approvals Certificates**

| General Product Approval | | | | | Test Certificates |
|---|---|---|---|---|---|
| CCC | UKCA | CE EG-Konf. | DVE VDE | EAC | Miscellaneous |

| other | Environment | |
|---|---|---|
| 产品合格 QC PASS | Confirmation | Environmental Con-firmations | Environmental Con-firmations |

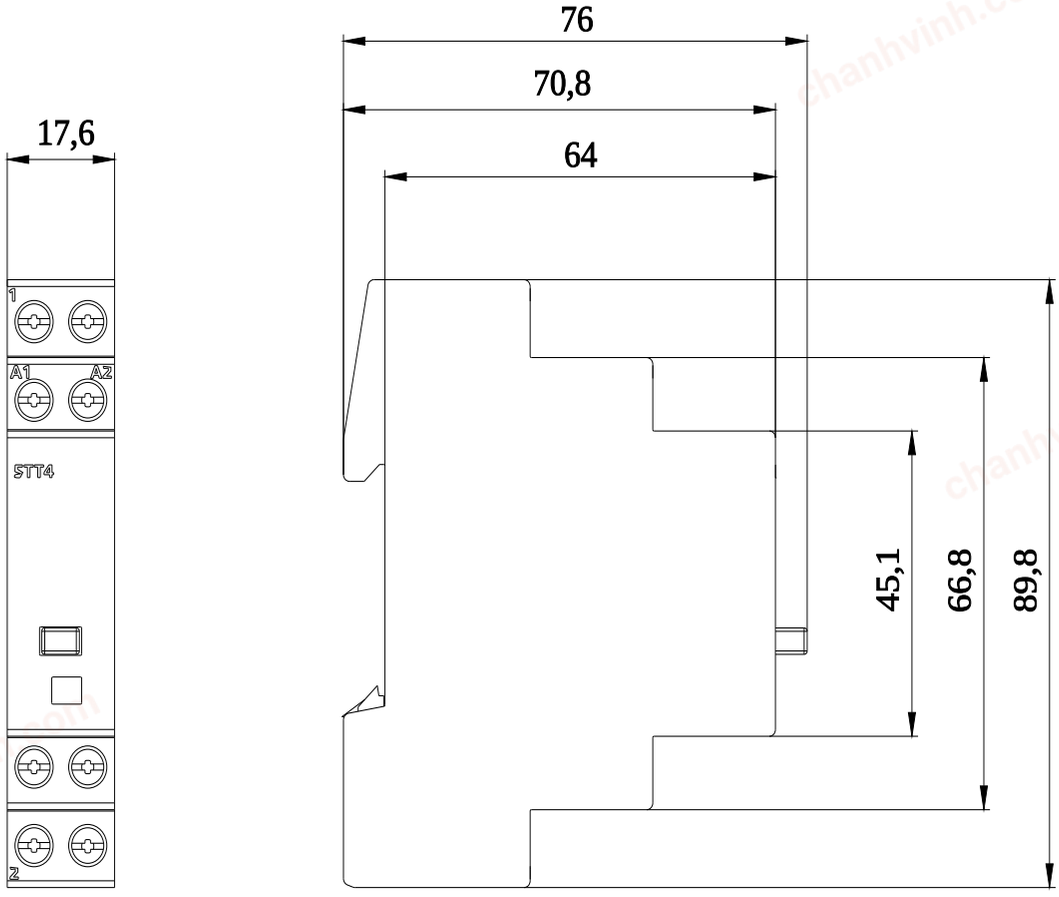
**Further information**

**Information on the packaging**


Subject to change without notice
© Copyright Siemens

chanhvinh.com

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=5TT4202-1
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/5TT4202-1
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4202-1
**CAx-Online-Generator**
http://www.siemens.com/cax
**Tender specifications**
http://www.siemens.com/specifications




**last modified:** 4/12/2025


Subject to change without notice
© Copyright Siemens

chanhvinh.com


Subject to change without notice
© Copyright Siemens