



switching relay with 1 CO contact for 230V AC 16A control 230V AC

Figure similar

| Model  |                                 |
|--|---------------------------------|
| product brand name   | SENTRON                         |
| product designation  | Switching relays                |
| design of the product  | With 1 CO                       |
| design of the switching function                                       | 1 CO                            |
| 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                 |
| <b>Control current</b>   |                      |
| <b>type of voltage</b>   |                      |
| • of control voltage_1   | AC                   |
| <b>control voltage</b>   |                      |
| • _1 initial value   | 230 V                |
| • _1 full-scale value  | 230 V                |
| <b>control voltage frequency</b>   |                      |
| • _1 initial value   | 50 Hz                |
| • _1 full-scale value  | 50 Hz                |
| <b>operating range factor of control voltage_2</b>   | 1.1                  |
| <b>number of NC contacts</b>   | 0                    |
| <b>number of NO contacts</b>   | 0                    |
| <b>number of CO contacts</b>   | 1                    |
| <b>Product function</b>  |                      |
| product function direct operation  | Yes                  |
| <b>Inputs Outputs</b>  |                      |
| <b>relay design</b>  | partially electronic |
| <b>Number</b>  |                      |
| <b>number of terminals with cross-head screw</b>   | 1                    |
| <b>Connections</b>   |                      |
| <b>connectable conductor cross-section for flexible conductor with core end processing</b> |                      |
| • minimum  | 1 mm <sup>2</sup>    |
| • maximum  | 6 mm <sup>2</sup>    |
| <b>connectable conductor cross-section for rigid conductor</b>                             |                      |
| • minimum  | 1 mm <sup>2</sup>    |
| • maximum  | 6 mm <sup>2</sup>    |
| <b>Mechanical Design</b>   |                      |
| <b>width of opening of the contacts</b>  | 1.2 mm               |
| <b>installation depth</b>  | 90 mm                |
| <b>number of modular width units</b>   | 1                    |
| <b>fastening method</b>  | DIN rail             |
| <b>mounting position</b>   | any                  |
| <b>required spacing for live parts</b>   | 6 mm                 |
| <b>Environmental conditions</b>  |                      |
| <b>ambient temperature during operation</b>  |                      |
| • minimum  | -10 °C               |
| • maximum  | 40 °C                |
| <b>Approvals Certificates</b>  |                      |
| <b>General Product Approval</b>  |                      |



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EG-Konf.



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|                          |                   |       |             |  |  |
|--------------------------|-------------------|-------|-------------|--|--|
| General Product Approval | Test Certificates | other | Environment |  |  |
|--------------------------|-------------------|-------|-------------|--|--|



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**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=5TT4206-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4206-0>

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

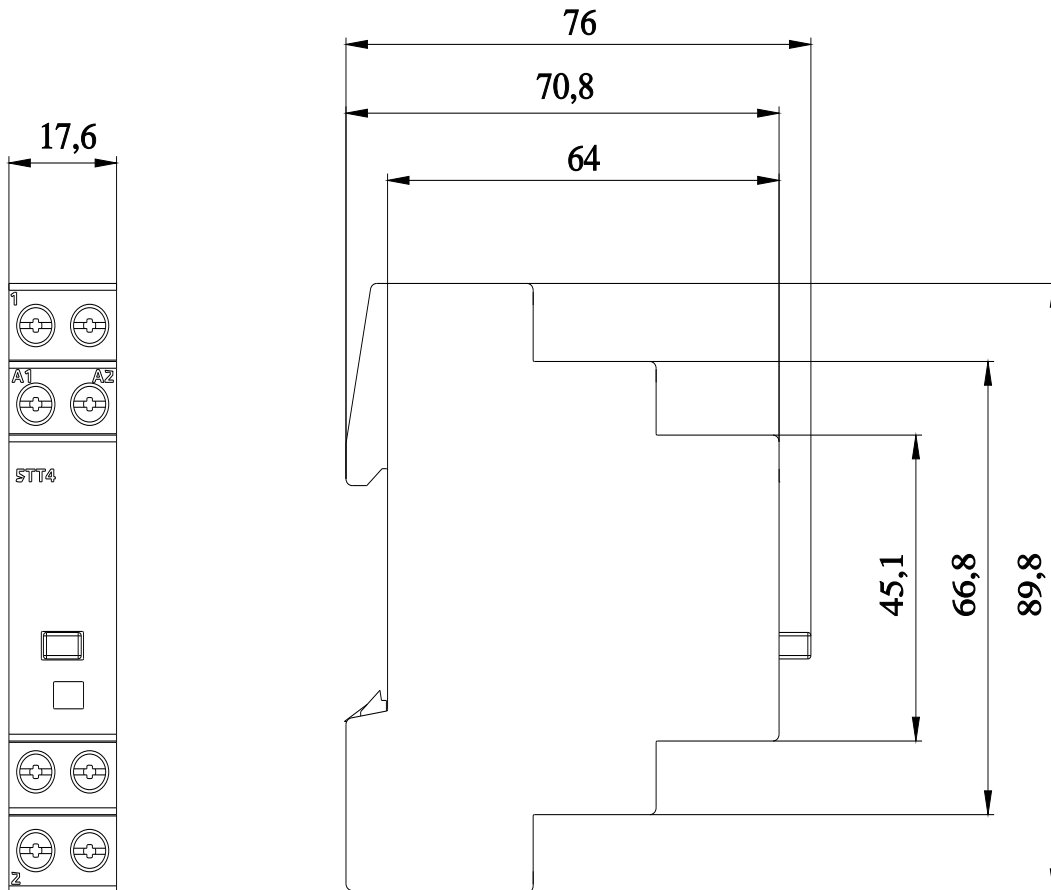
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT4206-0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4206-0)

CAX-Online-Generator

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

Tender specifications

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



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