



Remote control switch Contact for 32 A Voltage 230 V AC 1 NO 1 NC

Figure similar

| Model   |                       |
|---|-----------------------|
| product brand name  | SENTRON               |
| product designation   | Remote control switch |
| design of the product                                       | 1NO+1NC, 230 V AC     |
| 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                |
| degree of pollution   | 3                     |
| power loss [V·A] of magnet coil with pulse rated value      | 18 VA                 |
| Voltage   |                       |
| type of voltage of the operating voltage                    | AC                    |
| continuous voltage fuse version                             | Yes                   |
| surge voltage resistance rated value                        | 3 kV                  |
| supply voltage  | 400 V                 |
| Supply voltage  |                       |
| supply voltage  |                       |
| • minimum   | 230 V                 |
| Protection class  |                       |
| protection class IP   | IP20                  |
| Breaking Capacity   |                       |
| switching capacity apparent power                           |                       |
| • for fluorescent lamp load with DUO circuit                | 2 436 VA              |
| • for fluorescent lamp load with parallel compensation      | 1 218 VA              |
| • for uncompensated fluorescent lamp load                   | 2 204 VA              |
| switching capacity current                                  |                       |
| • at cos phi 0.6  | 32 A                  |
| • rated value   | 32 A                  |
| switching capacity active power with incandescent lamp load | 7 000 W               |
| Dissipation   |                       |
| power loss [W]  |                       |
| • at 16 A per contact rated value                           | 3 W                   |
| • of magnet coil with pulse rated value                     | 13 W                  |
| Control current   |                       |
| type of voltage   |                       |

|  |                         |
|--|-------------------------|
| <ul style="list-style-type: none"> <li>• of control voltage_1</li> </ul>   | AC                      |
| <b>control voltage</b>   |                         |
| <ul style="list-style-type: none"> <li>• _1 initial value</li> <li>• _1 full-scale value</li> <li>• _1 setpoint</li> </ul> | 207 V<br>253 V<br>230 V |
| <b>control voltage frequency</b>   |                         |
| <ul style="list-style-type: none"> <li>• _1 initial value</li> <li>• _1 full-scale value</li> </ul>                        | 50 Hz<br>60 Hz          |

#### Product details

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

#### Product function

|  |                 |
|--|-----------------|
| <b>product function</b>  |                 |
| <ul style="list-style-type: none"> <li>• direct operation</li> <li>• communication function</li> <li>• other measurement function</li> </ul> | Yes<br>No<br>No |
| pulse duration minimum   | 50 ms           |

#### Number

|                            |   |
|----------------------------|---|
| <b>number of terminals</b> | 4 |
|----------------------------|---|

#### Connections

|  |   |
|--|---|
| <b>connectable conductor cross-section for flexible conductor with core end processing</b> |   |
| <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>             | 1 mm <sup>2</sup><br>10 mm <sup>2</sup> |
| <b>connectable conductor cross-section for rigid conductor</b>                             |   |
| <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>             | 1 mm <sup>2</sup><br>10 mm <sup>2</sup> |

#### Mechanical Design

|   |                         |
|---|-------------------------|
| <b>height</b>                           | 90 mm                   |
| <b>width</b>                            | 17.5 mm                 |
| <b>width of opening of the contacts</b> | 3 mm                    |
| <b>depth</b>                            | 73 mm                   |
| <b>mounting height</b>                  | 90 mm                   |
| <b>installation depth</b>               | 70 mm                   |
| <b>number of modular width units</b>    | 1                       |
| <b>fastening method</b>                 | DIN rail                |
| <b>mounting position</b>                | Horizontal and vertical |
| <b>Net Weight</b>                       | 148 g                   |

#### Environmental conditions

|  |                 |
|--|-----------------|
| <b>ambient temperature during operation</b>                                    |                 |
| <ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul> | -25 °C<br>55 °C |
| <b>ambient temperature with relative humidity 95% according to DIN 50015</b>   | 55 °C           |

#### Approvals Certificates

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

[Confirmation](#)



[Miscellaneous](#)



|       |             |
|-------|-------------|
| other | Environment |
|-------|-------------|

[Confirmation](#)

[Miscellaneous](#)

[Environmental Con-  
firmations](#)

[Environmental Con-  
firmations](#)

## Further information

### Information on the packaging

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

### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

### Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/lowvoltage/catalogs>

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5TT4455-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4455-0>

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

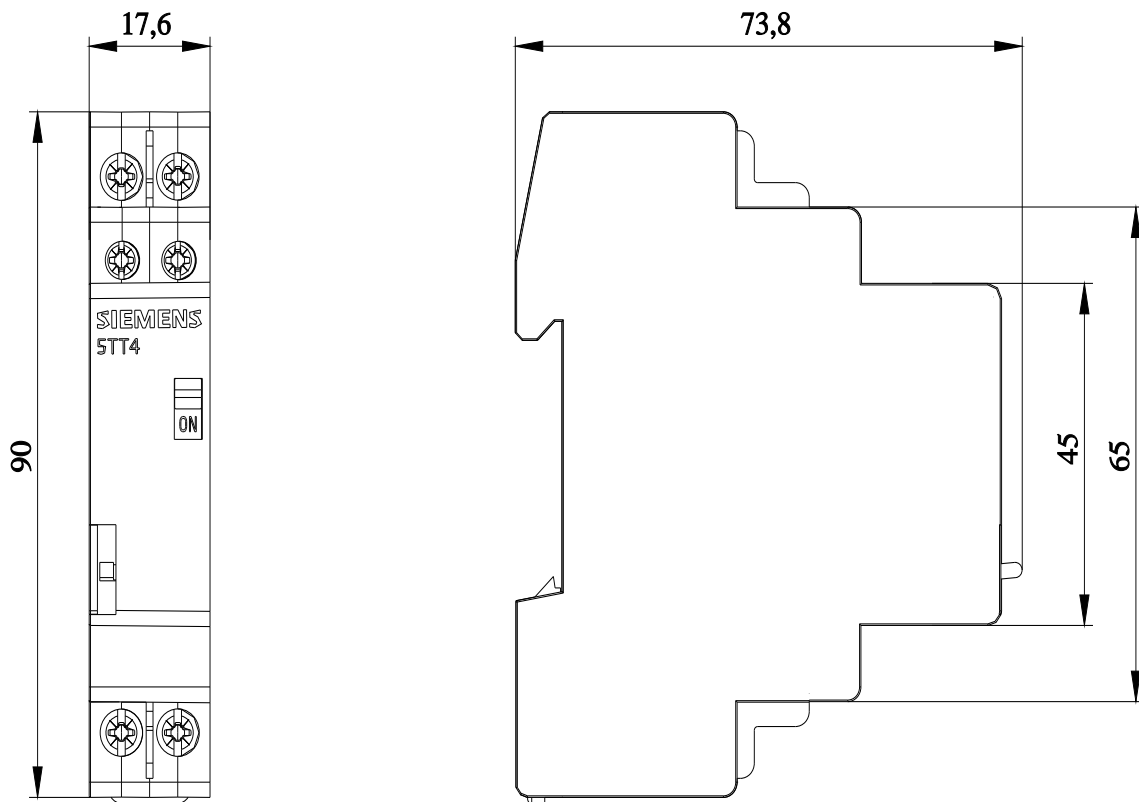
[https://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT4455-0](https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4455-0)

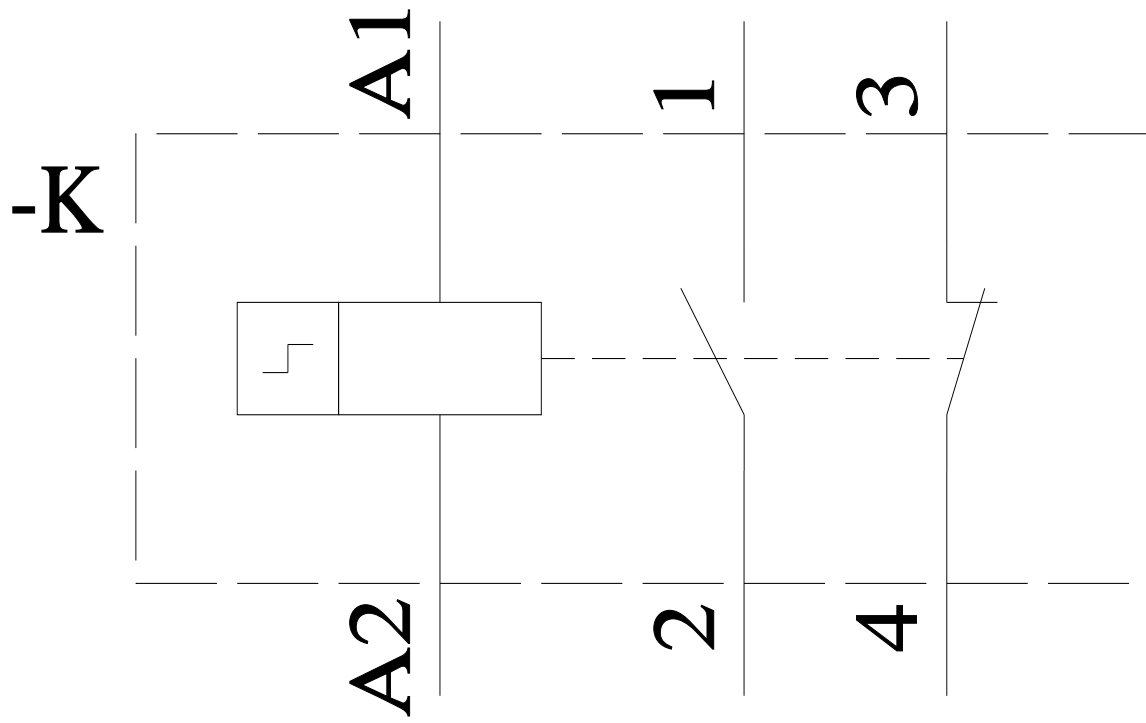
### CAX-Online-Generator

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

### Tender specifications

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





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