



Remote control switch with 2 NO contacts, with shutter circuit Contact for 230 V AC, 400V 16A Control 230 V AC

| Model                                                                    |                                 |
|--------------------------------------------------------------------------|---------------------------------|
| product brand name                                                       | SETRON                          |
| product designation                                                      | Remote control switch           |
| latching relay design                                                    | others                          |
| 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                              |

|                                  |       |
|----------------------------------|-------|
| <b>control voltage</b>           |       |
| • _1 initial value               | 184 V |
| • _1 full-scale value            | 253 V |
| • _1 setpoint                    | 230 V |
| <b>control voltage frequency</b> |       |
| • _1 initial value               | 50 Hz |
| • _1 full-scale value            | 50 Hz |

#### Product details

|                                             |     |
|---------------------------------------------|-----|
| product component switch position indicator | Yes |
| <b>number of NC contacts</b>                | 0   |
| <b>number of NO contacts</b>                | 2   |
| <b>number of CO contacts</b>                | 0   |

#### Product function

|                                   |       |
|-----------------------------------|-------|
| product function direct operation | Yes   |
| pulse duration minimum            | 50 ms |

#### Number

|                            |   |
|----------------------------|---|
| <b>number of terminals</b> | 6 |
|----------------------------|---|

#### Connections

|                                                                                            |                   |
|--------------------------------------------------------------------------------------------|-------------------|
| <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>tightening torque with screw-type terminals</b>                                         |                   |
| • minimum                                                                                  | 0.8 N·m           |
| • maximum                                                                                  | 1 N·m             |

#### Mechanical Design

|                                         |          |
|-----------------------------------------|----------|
| <b>height</b>                           | 90 mm    |
| <b>width</b>                            | 18 mm    |
| <b>width of opening of the contacts</b> | 1.2 mm   |
| <b>depth</b>                            | 76 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>                | any      |
| <b>required spacing for live parts</b>  | 6 mm     |
| <b>net weight</b>                       | 143 g    |

#### Environmental conditions

|                                             |        |
|---------------------------------------------|--------|
| <b>ambient temperature during operation</b> |        |
| • minimum                                   | -10 °C |
| • maximum                                   | 40 °C  |

#### Approvals Certificates

|                                 |                          |              |
|---------------------------------|--------------------------|--------------|
| <b>General Product Approval</b> | <b>Test Certificates</b> | <b>other</b> |
|---------------------------------|--------------------------|--------------|



[Miscellaneous](#)



|              |                    |
|--------------|--------------------|
| <b>other</b> | <b>Environment</b> |
|--------------|--------------------|

[Confirmation](#)

[Environmental Con-  
firmations](#)

[Environmental Con-  
firmations](#)

#### 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=5TT4142-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4142-0>

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

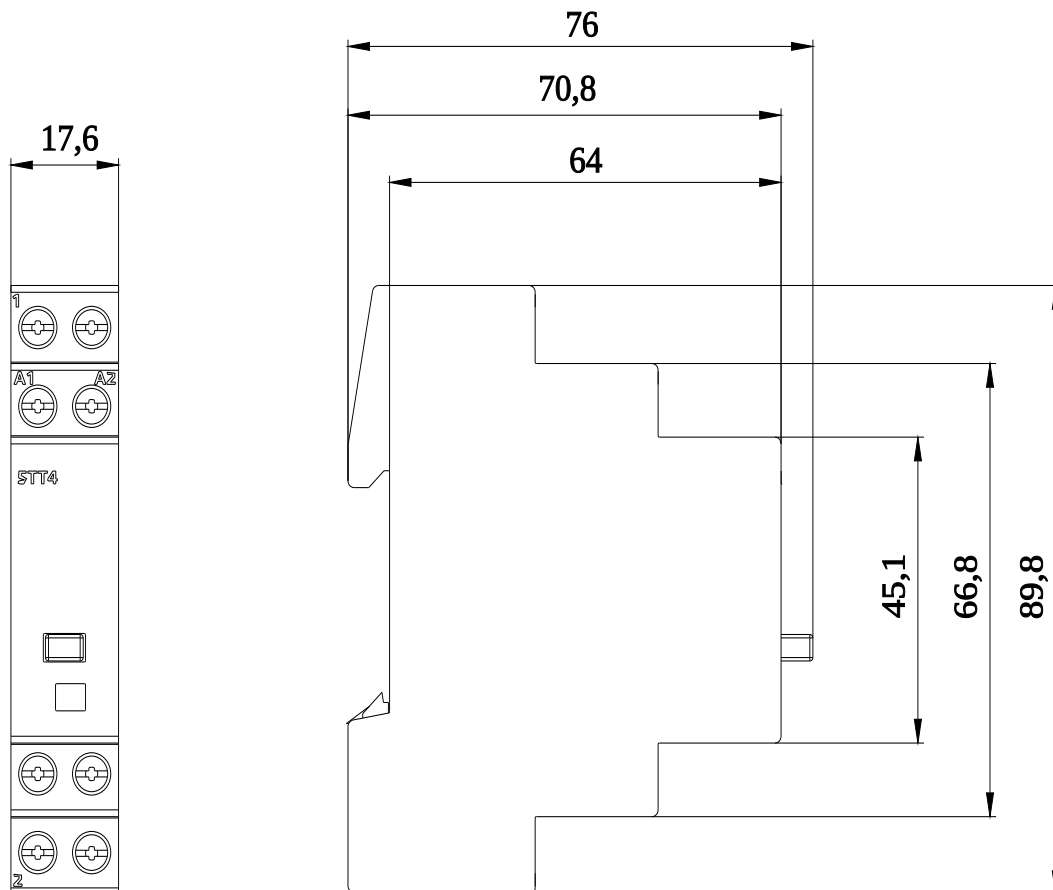
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT4142-0](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4142-0)

CAX-Online-Generator

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

Tender specifications

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



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