

switching relay with 1 NO contact for 230V AC 16A control 24V AC

Model	
product brand name	SENTRON
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	24 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
Switching 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	
• of control voltage_1	AC
control voltage	
• _1 initial value	24 V
• _1 full-scale value	24 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	1
number of CO contacts	0

#### Product function

product function direct operation	Yes
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#### Inputs Outputs

relay design	partially electronic
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#### Number

number of terminals with cross-head screw	1
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#### Connections

connectable conductor cross-section for flexible conductor with core end processing	
• minimum	1 mm <sup>2</sup>
• maximum	6 mm <sup>2</sup>
connectable conductor cross-section for rigid conductor	
• minimum	1 mm <sup>2</sup>
• maximum	6 mm <sup>2</sup>

#### 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

#### General Product Approval

#### Declaration of Conformity



[Confirmation](#)



[Miscellaneous](#)



#### Declaration of Conformity

#### Test Certificates

#### other

#### Environment



[Miscellaneous](#)

[Confirmation](#)

[Miscellaneous](#)

[Environmental Conformations](#)

#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these

products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

**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=5TT4201-2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4201-2>

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

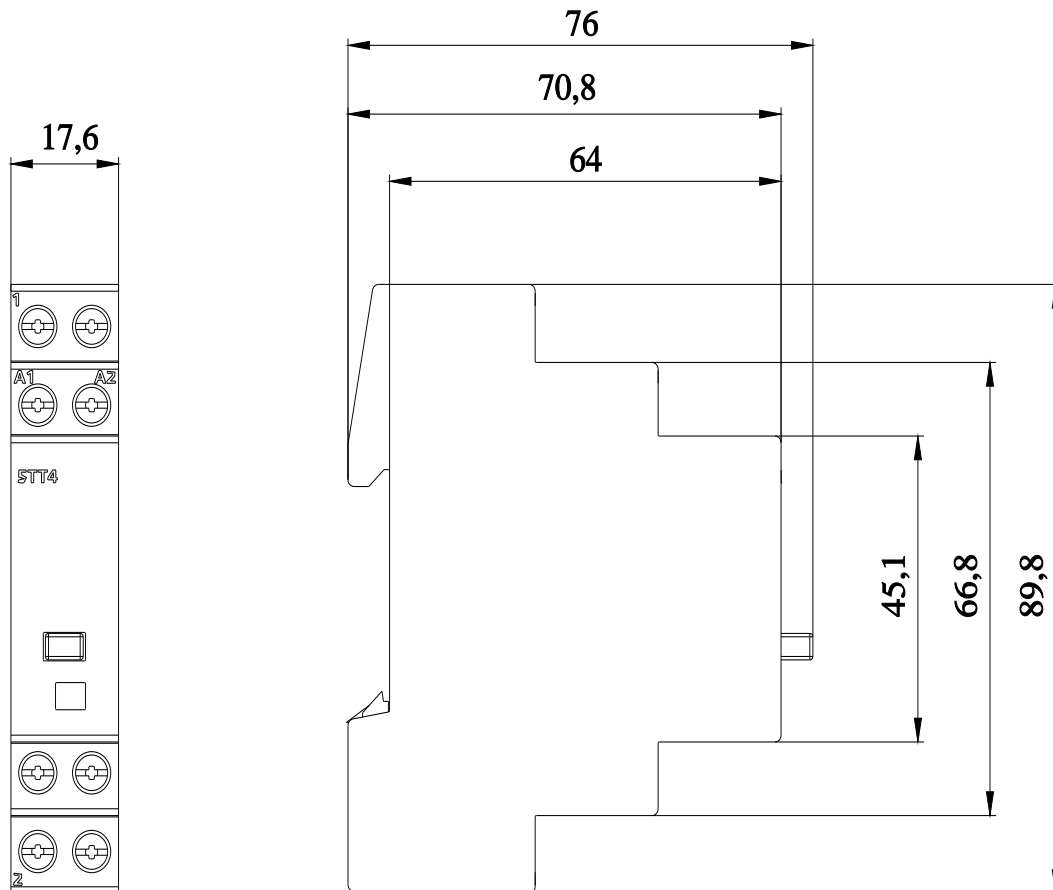
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT4201-2](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4201-2)

**CAX-Online-Generator**

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

**Tender specifications**

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



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