



Figure similar

switching relay with 1 NO contact for 230V AC 16A control 12V 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	12 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
Control current	
type of voltage	
• of control voltage_1	AC
control voltage	
• _1 initial value	12 V
• _1 full-scale value	12 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
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 mm ²
• maximum	6 mm ²
connectable conductor cross-section for rigid conductor	
• minimum	1 mm ²
• maximum	6 mm ²
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
Approvals Certificates	
General Product Approval	



[Confirmation](#)



[Miscellaneous](#)

General Product Approval	Test Certificates	other	Environment
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[Miscellaneous](#)

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[Environmental Confirmations](#)

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Further information

Information on the packaging

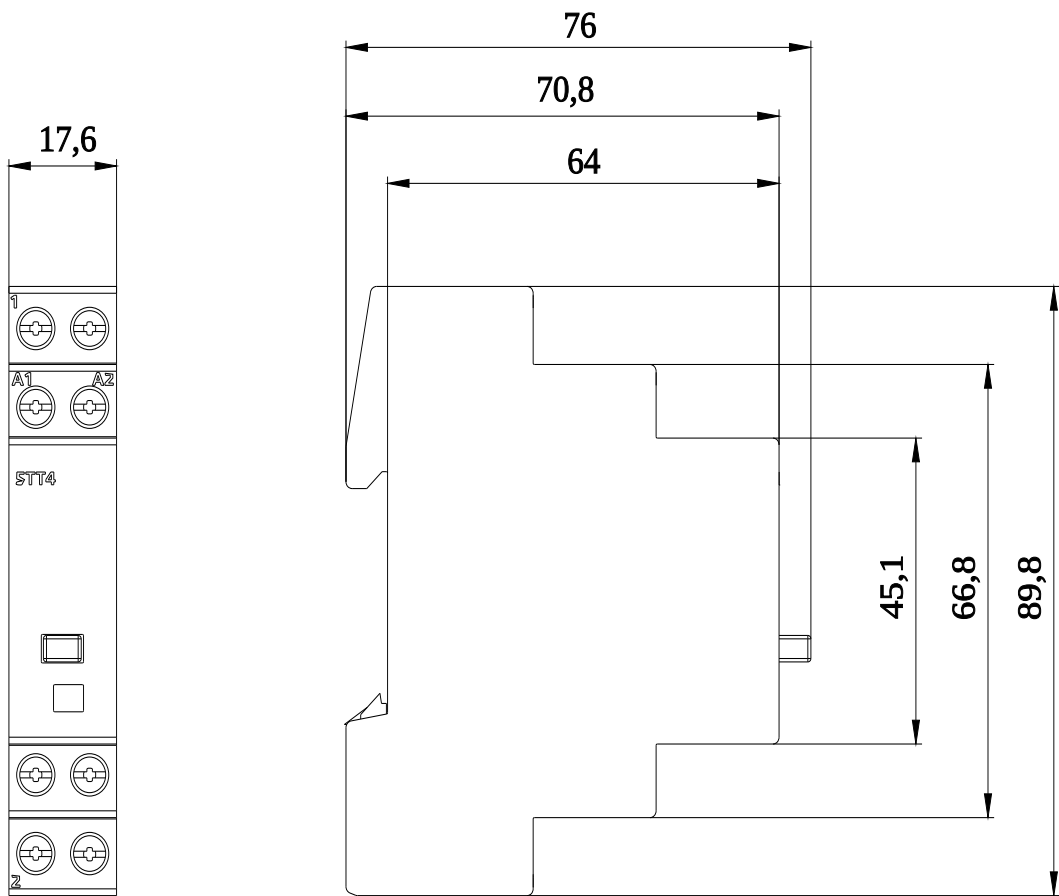
<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=5TT4201-3>



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