

switching relay with 1 NO contact for 230V AC 16A control 115V 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
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 V·A

Voltage	
Control voltage / at AC / rated value / maximum	115 V
Surge voltage resistance / rated value	4 kV
Supply voltage	250 V

Supply voltage	
Supply voltage / minimum	250 V

Operating voltage / at AC / rated value / maximum	250 V
Type of voltage / of the supply voltage	AC
<b>Protection class</b>	
Protection class IP	IP20, with connected conductors
<b>Switching capacity</b>	
Switching capacity apparent power	
• for uncompensated fluorescent lamp load	400 V·A
Switching capacity current / at cos phi 0.6	16 A
Switching capacity active power / with filament lamp load	1 200 W
<b>Dissipation</b>	
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
<b>Main circuit</b>	
Operating frequency / rated value	50 Hz
Operating current	
• rated value	16 A
• at cos phi 0.6 ... 1 / rated value	16 A
<b>Control current</b>	
Type of voltage	
• of control voltage_1	AC
Control voltage	
• _1 / initial value	115 V
• _1 / Full-scale value	115 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
<b>Product function</b>	
Product function / direct operation	Yes
<b>Inputs Outputs</b>	
Relay design	partially electronic
<b>Number</b>	
Number of terminals / with cross-head screw	1

## 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 width units	1
Mounting type	DIN rail
Mounting position	any
Required spacing / for live parts	6 mm

## Environmental conditions

Ambient temperature	
• minimum	-10 °C
• maximum	40 °C

## Certificates

General Product Approval	Declaration of Conformity	Test Certificates
 CCC	 EG-Konf.	 VDE
<a href="#">Miscellaneous</a>	<a href="#">Miscellaneous</a>	

## Further information

### 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=5TT4201-1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4201-1>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=5TT4201-1](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4201-1)

### CAX-Online-Generator

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

### Tender specifications

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

