

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



Model	
product brand name	SETRON
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 (switching 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 V•A
Voltage	
control voltage / at AC / rated value / maximum	24 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
Protection class	
protection class IP	IP20, with connected conductors
Switching capacity	
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
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
operating 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
Inputs Outputs	
relay design	partially electronic
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 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 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

reference code	
• acc. to DIN EN 81346-2	#NO_DATA#

General Product Approval	Declaration of Conformity	Test Certificates
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CCC



VDE

[Miscellaneous](#)



EG-Konf.

[Miscellaneous](#)

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=5TT4201-2>

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

CAX-Online-Generator

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

Tender specifications

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



