



switching relay with 2 NO, contact for 230V AC 16A control 115V AC

Model	
product brand name	SETRON
product designation	Switching relays
design of the product	With 2 NO contacts
design of the switching function	2 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	
type of voltage / of the operating voltage	AC
control voltage / at AC / rated value / maximum	115 V
surge voltage resistance / rated value	4 kV
Supply voltage	
operating voltage	
• minimum	400 V
• maximum	400 V
• at AC / rated value / maximum	400 V
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 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		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		2	
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	
General Product Approval		Declaration of Conformity	Test Certificates



[Miscellaneous](#)



[Miscellaneous](#)

other

[Confirmation](#)

[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?mfb=5TT4202-1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4202-1>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5TT4202-1

CAX-Online-Generator

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

Tender specifications

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

