

REMOTE SWITCH WITH 1 NO CONTACT FOR AC 230V 16A
CONTROL DC 24V



Figure similar

Model	
product brandname	SENTRON
Latching relay design	Mechanical switch
General technical data	
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
Voltage	
Continuous voltage fuse version	Yes
Surge voltage resistance / rated value	4 kV
Supply voltage	
• minimum	250 V
• maximum	250 V
Protection class	
Protection class IP	IP20, with connected conductors

Switching capacity

Switching capacity apparent power	
• for fluorescent lamp load with DUO circuit	900 V·A
• for fluorescent lamp load with parallel compensation	400 V·A
• for uncompensated fluorescent lamp load	500 V·A
Switching capacity current	
• at cos phi 0.6	16 A
• Rated value	16 A
Switching capacity active power / with filament lamp load	2 000 W

Dissipation

Power loss [W]	
• at 16 A / per contact / rated value	1.2 W
Switching current / with glow lamp load / with 5TT4 920 compensating capacitor	25 mA
Switching current / with glow lamp load	5 mA

Control current

Type of voltage	
• of control voltage_1	DC
Control voltage	
• _1 / initial value	19.2 V
• _1 / Full-scale value	26.4 V
• _1 / setpoint	24 V
Control voltage frequency	
• _1 / initial value	50 Hz
• _1 / Full-scale value	50 Hz
Operating range factor control supply voltage rated value / at AC / at 50 Hz	
• initial value	0.8
• Full-scale value	1.1

Product details

Product component / Switch position indicator	Yes
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Product function

Product function / direct operation	Yes
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Number

Number of terminals	4
Number of NC contacts	0
Number of NO contacts	1
Number of CO contacts	0

Connections

Connectable conductor cross-section

- for flexible conductor / with core end processing
 - minimum 1 mm²
 - maximum 6 mm²
- for rigid conductor
 - minimum 1.5 mm²
 - maximum 6 mm²

Mechanical Design

Width of opening / of the contacts	1.2 mm
Mounting height	90 mm
Mounting position	any
Installation depth	70 mm
Number of width units	1
Mounting type	DIN rail
Required spacing / for live parts	6 mm
Net weight	135 g

Environmental conditions

Ambient temperature

- minimum -10 °C
- maximum 40 °C

Certificates

General Product Approval	Declaration of Conformity	Test Certificates
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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://eb.automation.siemens.com/mall/en/WW/Catalog/Product/5TT4111-2>

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

<http://support.automation.siemens.com/WW/view/en/5TT4111-2/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4111-2

CAX-Online-Generator

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

Tender specifications

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

