

REMOTE SWITCH WITH 1NO WITH CENTRAL ON-OFF
FUNCTION CONTACT FOR AC 230,400V 16A CONTROL AC 230V



Figure similar

Model	
product brandname	SETRON
Latching relay design	mechanical for central control
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	700 V·A
• for fluorescent lamp load with parallel compensation	300 V·A
• for uncompensated fluorescent lamp load	400 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
• of magnet coil / with pulse / rated value	4.5 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	AC
• of control voltage_2	AC
Control voltage	
• _1 / initial value	184 V
• _1 / Full-scale value	253 V
• _1 / setpoint	230 V
• _2 / initial value	184 V
• _2 / Full-scale value	253 V
• _2 / setpoint	230 V
Control voltage frequency	
• _1 / initial value	50 Hz
• _1 / Full-scale value	50 Hz
• _2 / initial value	50 Hz
• _2 / Full-scale value	50 Hz
Operating range factor / of control voltage_2	0.8
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	6
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	1.5
Mounting type	DIN rail
Required spacing / for live parts	6 mm
Net weight	155 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/5TT4121-0>

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

<http://support.automation.siemens.com/WW/view/en/5TT4121-0/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4121-0

CAX-Online-Generator

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

Tender specifications

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



