

Remote control switch with 1 NO contact, with central ON/OFF function Contact for 230 V AC, 400V 16A Control 230 V AC



Model	
Product brand name	SETRON
Product designation	Remote control switch
Latching relay design	mechanical for central control
General technical data	
Electrical endurance (switching cycles)	50 000
Pulse duration / minimum	50 ms
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	7 V·A
Voltage	
Type of voltage	AC
Continuous voltage fuse version	Yes
Surge voltage resistance / rated value	4 kV
Supply voltage	250 V
Supply voltage / minimum	250 V

Protection class	
Protection class IP	IP20, with connected conductors
Switching capacity	
Switching capacity apparent power	
<ul style="list-style-type: none"> • for fluorescent lamp load with DUO circuit 	700 V·A
<ul style="list-style-type: none"> • for fluorescent lamp load with parallel compensation 	300 V·A
<ul style="list-style-type: none"> • for uncompensated fluorescent lamp load 	400 V·A
Switching capacity current	
<ul style="list-style-type: none"> • at cos phi 0.6 	16 A
<ul style="list-style-type: none"> • Rated value 	16 A
Switching capacity active power / with filament lamp load	2 000 W
Dissipation	
Power loss [W]	
<ul style="list-style-type: none"> • at 16 A / per contact / rated value 	1.2 W
<ul style="list-style-type: none"> • of magnet coil / with pulse / rated value 	4.5 W
Switching current	
<ul style="list-style-type: none"> • with glow lamp load / with 5TT4 920 compensating capacitor 	25 mA
<ul style="list-style-type: none"> • with glow lamp load 	5 mA
Control current	
Type of voltage	
<ul style="list-style-type: none"> • of control voltage_1 	AC
<ul style="list-style-type: none"> • of control voltage_2 	AC
Control voltage	
<ul style="list-style-type: none"> • _1 / initial value 	184 V
<ul style="list-style-type: none"> • _1 / Full-scale value 	253 V
<ul style="list-style-type: none"> • _1 / setpoint 	230 V
<ul style="list-style-type: none"> • _2 / initial value 	184 V
<ul style="list-style-type: none"> • _2 / Full-scale value 	253 V
<ul style="list-style-type: none"> • _2 / setpoint 	230 V
Control voltage frequency	
<ul style="list-style-type: none"> • _1 / initial value 	50 Hz
<ul style="list-style-type: none"> • _1 / Full-scale value 	50 Hz
<ul style="list-style-type: none"> • _2 / initial value 	50 Hz
<ul style="list-style-type: none"> • _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	
<ul style="list-style-type: none"> • initial value 	0.8

- Full-scale value 1.1

Product details

Product component / Switch position indicator Yes

Product function

Product function / direct operation Yes

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 mm²
 - maximum 6 mm²

Tightening torque / with screw-type terminals

- minimum 0.8 N·m
- maximum 1 N·m

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 Con- formity	Test Certificates
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[Miscellaneous](#)



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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=5TT4121-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4121-0>

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>



