SIEMENS

Data sheet 5TT4121-0

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	SENTRON
product designation	Remote control switch
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
power loss [V·A] / of magnet coil / with pulse / rated value	7 V·A
Voltage	
type of voltage / of the operating voltage	AC
continuous voltage fuse version	Yes
operating range factor control supply voltage rated value / at AC / at 50 Hz	
● initial value	0.8
● full-scale value	1.1
surge voltage resistance / rated value	4 kV
supply voltage	250 V
Supply voltage	
supply voltage / minimum	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 incandescent 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

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switching current	
● with glow lamp load / with 5TT4 920 compensating capacitor	25 mA
● 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
Product details	
product component / switch position indicator	Yes
number of NC contacts	0
number of NO contacts	1
number of CO contacts	0
Product function	
product function / direct operation	Yes
pulse duration / minimum	50 ms
Number	
number of terminals	6
Connections	
connectable conductor cross-section / for flexible conductor / with core end processing	
● minimum	1 mm²
● maximum	6 mm²
connectable conductor cross-section / 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
installation depth	70 mm
number of modular width units	1.5
fastening method	DIN rail
mounting position	any
required spacing / for live parts	6 mm
net weight	155 g
Environmental conditions	
ambient temperature / during operation	
● minimum	-10 °C
● maximum	40 °C

General Product Approval	Declaration of Conformity	Test Certificates	other

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Miscellaneous

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other

Confirmation

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

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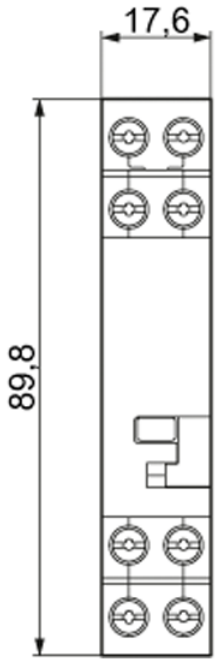

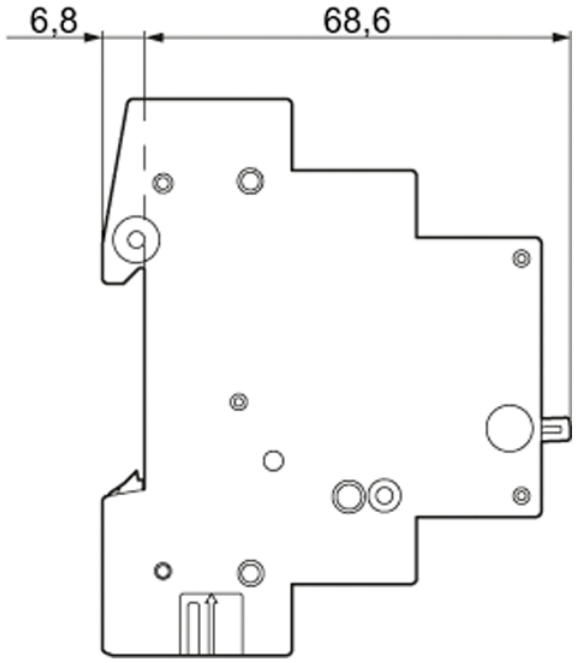

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