SIEMENS

Data sheet 5TT4101-0

Remote control switch with 1 NO contact, Contact for 230 V AC 16 A
Control 230 V AC



Model	
Product brand name	SENTRON
Product designation	Remote control switch
Latching relay design	Mechanical switch

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

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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
• of magnet coil / with pulse / rated value	4.5 W
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
Control voltage	
• _1 / initial value	184 V
• _1 / Full-scale value	253 V
• _1 / setpoint	230 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

Product function	
Product function / direct operation	Yes

Number

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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 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
Mounting type	DIN rail
Required spacing / for live parts	6 mm
Net weight	123 g

Environmental conditions

Ambient temperature	
• minimum	-10 °C
• maximum	40 °C

Certificates

General Product Approval	Declaration of Conformity	Test Certificates
Miscellaneous		Miscellaneous
VDE	EG-Konf.	

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=5TT4101-0

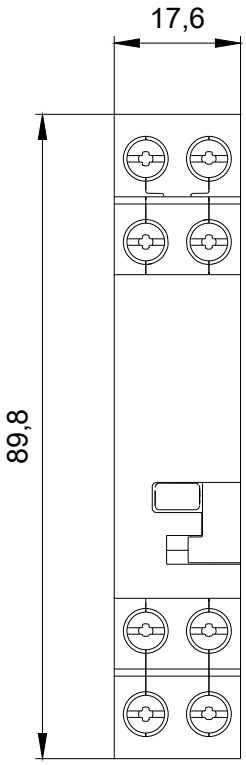
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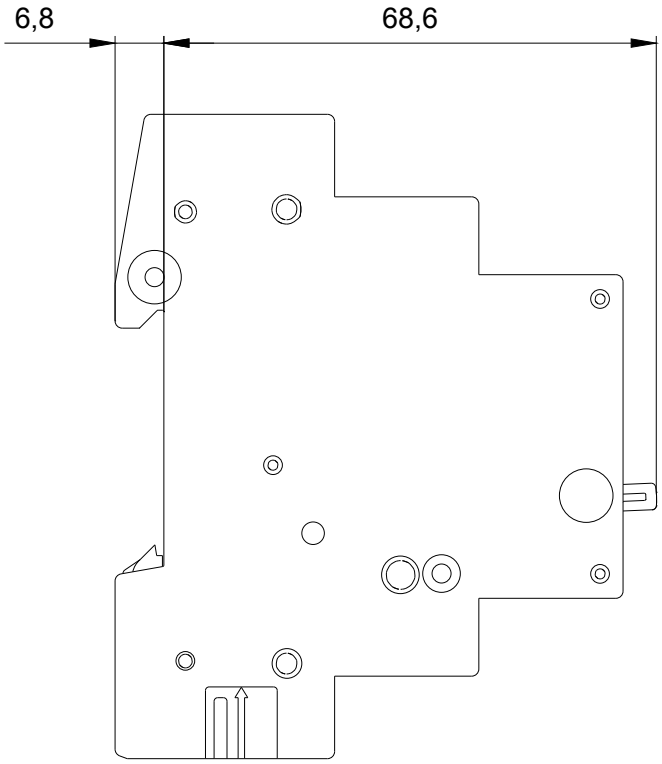
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5TT4101-0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4101-0

CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
http://www.siemens.com/specifications





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