SIEMENS

Data sheet 5TT4464-0

Remote control switch Contact for 40 A Voltage 230 V AC 4 NO contacts



Model	
Product brand name	SENTRON
Product designation	Remote control switch
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
Power loss [V•A] / of magnet coil / with pulse / rated value	26 V·A

Voltage	
Type of voltage	AC
Continuous voltage fuse version	Yes
Surge voltage resistance / rated value	4 kV
Supply voltage	400 V
Supply voltage / minimum	230 V

Protection class

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Protection class IP	IP20

Switching capacity	
Switching capacity apparent power	
• for fluorescent lamp load with DUO circuit	3 712 V·A
• for fluorescent lamp load with parallel compensation	1 798 V·A
• for uncompensated fluorescent lamp load	3 654 V·A
Switching capacity current	
• at cos phi 0.6	40 A
• Rated value	40 A
Switching capacity active power / with filament lamp load	8 800 W

Dissipation	
Power loss [W]	
• at 16 A / per contact / rated value	3 W
• of magnet coil / with pulse / rated value	12 W

Control current	
Type of voltage	
• of control voltage_1	AC
Control voltage	
• _1 / initial value	207 V
• _1 / Full-scale value	253 V
• _1 / setpoint	230 V
Control voltage frequency	
• _1 / initial value	50 Hz
• _1 / Full-scale value	60 Hz

Product details	
Product component / Switch position indicator	Yes

Product function	
Product function / direct operation	Yes

Number	
Number of terminals	8
Number of NC contacts	0
Number of NO contacts	4
Number of CO contacts	0

Connections	
Connectable conductor cross-section	
• for flexible conductor / with core end processing	
— minimum	2.5 mm²
— maximum	25 mm²

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• for rigid conductor	
— minimum	2.5 mm²
— maximum	25 mm²

Mechanical Design

Height	90 mm
Width	70 mm
Width of opening / of the contacts	3 mm
Depth	73 mm
Mounting height	90 mm
Mounting position	Horizontal and vertical
Installation depth	73 mm
Number of width units	4
Mounting type	DIN rail
Net weight	442 g

Environmental conditions

Ambient temperature	
• minimum	-25 °C
• maximum	55 °C

Certificates

Reference code / acc. to DIN EN 61346-2	K

Declaration of Conformity	Test Certificates
CE EG-Konf.	Miscellaneous

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=5TT4464-0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/5TT4464-0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4464-0

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

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

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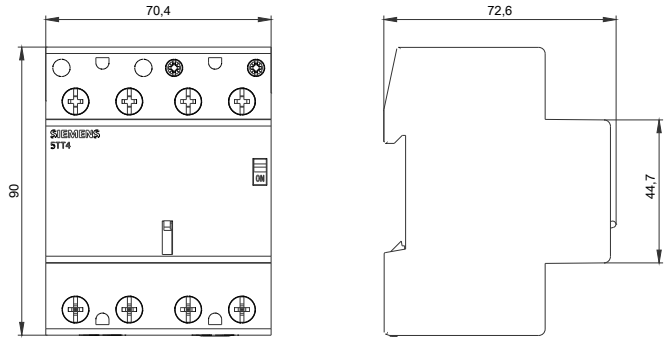

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