

Remote control switch with 2 NO contacts, with shutter circuit
 Contact for 230 V AC, 400V 16A Control 230 V AC



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

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	
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	
type of voltage	AC
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 	900 V·A
<ul style="list-style-type: none"> • for fluorescent lamp load with parallel compensation 	400 V·A
<ul style="list-style-type: none"> • for uncompensated fluorescent lamp load 	500 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
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
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
Product details	
Product component / Switch position indicator	Yes
Number of NC contacts	0
Number of NO contacts	2

Number of CO contacts	0
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Product function

Product function / direct operation	Yes
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Number

Number of terminals	6
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Connections

Connectable conductor cross-section / for flexible conductor / with core end processing	
<ul style="list-style-type: none"> • minimum • maximum 	1 mm ² 6 mm ²
Connectable conductor cross-section / for rigid conductor	
<ul style="list-style-type: none"> • minimum • maximum 	1 mm ² 6 mm ²
Tightening torque / with screw-type terminals	
<ul style="list-style-type: none"> • minimum • maximum 	0.8 N·m 1 N·m

Mechanical Design

Width of opening / of the contacts	1.2 mm
Mounting height	90 mm
installation depth	70 mm
number of width units	1
Mounting type	DIN rail
mounting position	any
Required spacing / for live parts	6 mm
net weight	143 g

Environmental conditions

Ambient temperature	
<ul style="list-style-type: none"> • minimum • maximum 	-10 °C 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=5TT4142-0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4142-0>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4142-0

CAX-Online-Generator

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

Tender specifications

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



