



Remote control switch with 2 NO contacts, with shutter circuit Contact for 230 V AC, 400V 16A Control 12V AC

Model	
product brand name	SETRON
product designation	Remote control switch
latching relay design	others
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 VA
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	900 VA
• for fluorescent lamp load with parallel compensation	400 VA
• for uncompensated fluorescent lamp load	500 VA
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
switching current	
• with glow lamp load / with 5TT4 920 compensating	25 mA

capacitor	
• with glow lamp load	5 mA
Control current	
type of voltage	
• of control voltage_1	AC
control voltage	
• _1 / initial value	9.6 V
• _1 / full-scale value	13.2 V
• _1 / setpoint	12 V
control voltage frequency	
• _1 / initial value	50 Hz
• _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
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 mm ²
• maximum	6 mm ²
connectable conductor cross-section / for rigid conductor	
• minimum	1 mm ²
• maximum	6 mm ²
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
fastening method	DIN rail
mounting position	any
required spacing / for live parts	6 mm
net weight	146 g
Environmental conditions	
ambient temperature / during operation	
• minimum	-10 °C
• maximum	40 °C
General Product Approval	
Declaration of Conformity	

[Confirmation](#)



[Miscellaneous](#)



Test Certificates

other

[Miscellaneous](#)

[Miscellaneous](#)

[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=5TT4142-3>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4142-3>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4142-3

CAX-Online-Generator

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

Tender specifications

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



