

Remote control switch Contact for 20 A Voltage 24 V DC 2 NO



Model	
Product brand name	SETRON
Product designation	Remote control switch
Latching relay design	Mechanical switch
General technical data	
Electrical endurance (switching cycles)	50 000
Pulse duration / minimum	100 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	9 V·A
Voltage	
Continuous voltage fuse version	Yes
Surge voltage resistance / rated value	3 kV
Supply voltage	400 V
Supply voltage	
Type of voltage	AC

Supply voltage	230 ... 400 V
Protection class	
Protection class IP	IP20
Switching capacity	
Switching capacity apparent power	
<ul style="list-style-type: none"> • for fluorescent lamp load with DUO circuit 	2 436 V·A
<ul style="list-style-type: none"> • for fluorescent lamp load with parallel compensation 	812 V·A
<ul style="list-style-type: none"> • for uncompensated fluorescent lamp load 	1 102 V·A
Switching capacity current	
<ul style="list-style-type: none"> • at cos phi 0.6 	20 A
<ul style="list-style-type: none"> • Rated value 	20 A
Switching capacity active power / with filament lamp load	4 400 W
Dissipation	
Power loss [W]	
<ul style="list-style-type: none"> • at 16 A / per contact / rated value 	1.5 W
<ul style="list-style-type: none"> • of magnet coil / with pulse / rated value 	9 W
Control current	
Type of voltage	
<ul style="list-style-type: none"> • of control voltage_1 	DC
Control voltage	
<ul style="list-style-type: none"> • _1 / initial value 	207 V
<ul style="list-style-type: none"> • _1 / Full-scale value 	253 V
<ul style="list-style-type: none"> • _1 / setpoint 	24 V
Product details	
Product component / Switch position indicator	Yes
Product function	
Product function / direct operation	Yes
Number	
Number of terminals	4
Number of NC contacts	0
Number of NO contacts	2
Number of CO contacts	0
Connections	
Connectable conductor cross-section	
<ul style="list-style-type: none"> • for flexible conductor / with core end processing 	1 ... 10 mm ²
<ul style="list-style-type: none"> • for rigid conductor 	1 ... 10 mm ²
Mechanical Design	

Height	90 mm
Width	17.5 mm
Width of opening / of the contacts	3 mm
Depth	73 mm
Mounting height	90 mm
Installation depth	73 mm
Number of width units	1
Mounting type	DIN rail
Mounting position	Horizontal and vertical
Net weight	174 g

Environmental conditions

Ambient temperature	-25 ... +55 °C
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Certificates

Reference code

- acc. to DIN EN 61346-2 K
- acc. to DIN EN 81346-2 K

Declaration of Conformity

Test Certificates

[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=5TT4412-5>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5TT4412-5>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4412-5

CAX-Online-Generator

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

Tender specifications

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





