## SIEMENS

## Data sheet

## 5TT4102-1



Remote control switch with 2 NO contacts, Contact for 230 V AC, 400V 16A Control 115 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			
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 $[V \cdot A]$ / 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	400 V			
Supply voltage				
supply voltage / minimum	250 V			
Protection class				
protection class IP	IP20, with connected conductors			
Switching capacity				
switching capacity apparent power				
<ul> <li>for fluorescent lamp load with DUO circuit</li> </ul>	900 VA			
<ul> <li>for fluorescent lamp load with parallel compensation</li> </ul>	400 VA			
<ul> <li>for uncompensated fluorescent lamp load</li> </ul>	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]				
<ul> <li>at 16 A / per contact / rated value</li> </ul>	1.2 W			
<ul> <li>of magnet coil / with pulse / rated value</li> </ul>	4.5 W			
switching current				
• with glow lamp load / with 5TT4 920 compensating	25 mA			

capacitor						
<ul> <li>with glow lamp</li> </ul>	load		5 mA			
Control current						
type of voltage						
<ul> <li>of control voltage</li> </ul>	ge_1		AC			
control voltage						
<ul> <li>_1 / initial value</li> </ul>	9		92 V			
<ul> <li>_1 / full-scale v</li> </ul>	alue		126.5 V			
<ul> <li>_1 / setpoint</li> </ul>			115 V			
control voltage freque	ency					
<ul> <li>_1 / initial value</li> </ul>	9		50 Hz			
<ul> <li>_1 / full-scale v</li> </ul>	alue		50 Hz			
Product details						
product component /	switch position indicator		Yes			
number of NC contac	ts		0			
number of NO contac	ts		2			
number of CO contac	ts		0			
Product function						
product function / dire	ect operation		Yes			
pulse duration / minin	num		50 ms			
Number						
number of terminals			6			
Connections						
connectable conducto conductor / with core	or cross-section / for flexi end processing	ble				
<ul> <li>minimum</li> </ul>			1 mm <sup>2</sup>			
<ul> <li>maximum</li> </ul>			6 mm²			
connectable conducto	or cross-section / for rigid	conductor				
<ul> <li>minimum</li> </ul>			1 mm <sup>2</sup>			
<ul> <li>maximum</li> </ul>			6 mm²			
tightening torque / wit	th screw-type terminals					
minimum			0.8 N∙m			
<ul> <li>maximum</li> </ul>			1 N·m			
Mechanical Design						
width of opening / of t	the contacts		1.2 mm			
mounting height			90 mm			
installation depth			70 mm			
number of modular w	idth units		1			
fastening method			DIN rail			
mounting position			any			
required spacing / for	live parts		6 mm			
net weight			150 g			
Environmental condit	tions					
ambient temperature	/ during operation					
<ul> <li>minimum</li> </ul>			-10 °C			
<ul> <li>maximum</li> </ul>			40 °C			
General Product Ap	oproval				Declaration of C	Conformity
<u>Confirmation</u>	DYE	<u>Miscellaneo</u>	<u>us</u>	FAL	CE	UK
	VDE			LIIL	EG-Konf.	CA
Test Certificates	other					
Miscellaneous	Miscellaneous	<u>Confirmatio</u>	<u>on</u>			

## 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=5TT4102-1

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

https://support.industry.siemens.com/cs/ww/en/ps/5TT4102-1

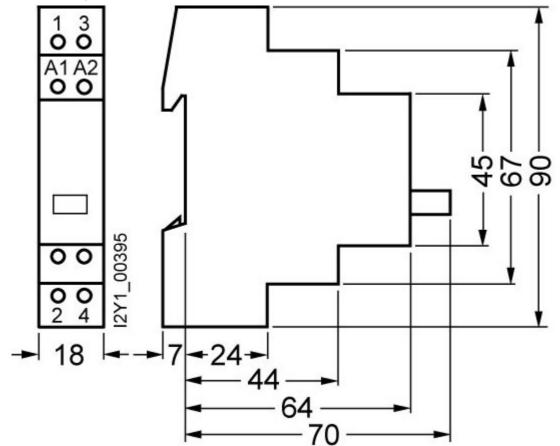
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=5TT4102-1

CAx-Online-Generator

http://www.siemens.com/cax

**Tender specifications** 

http://www.siemens.com/specifications



Ø