SIEMENS

Data sheet

5TT4115-1



Remote control switch with 1 NO contact, and 1 NC Contact for 230 V AC, 400V 16A Control 110V DC

Model	
product brand name	SENTRON
product designation	Remote control switch
latching relay design	Mechanical switch
General technical data	
electrical endurance (operating 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	DC
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
Breaking 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
Control current	
type of voltage	
 of control voltage_1 	DC
control voltage	

<u>Miscellaneous</u>	<u>Confirmation</u>	Miscellaneous	Environmental Con- firmations		
Test Certificates	other		Environment		
UK CA	CE EG-Konf.	<u>Confirmation</u>		<u>Miscellaneous</u>	EAC
General Product App	proval				
Approvals Certificates					
maximum		40 °C			
• minimum		-10 °			
ambient temperature d	uring operation				
Environmental condition					
net weight		146 9	9		
required spacing for liv	e parts	6 mn			
mounting position		any			
fastening method		DIN	rail		
number of modular wic	Ith units	1			
installation depth		70 m	m		
mounting height		90 m	m		
width of opening of the	contacts	1.2 n	nm		
Mechanical Design					
 maximum 		1 N·r	n		
• minimum		0.8 N	ŀm		
tightening torque with	screw-type terminals				
maximum		6 mn	1 ²		
 minimum 		1 mn	1 ²		
connectable conductor	cross-section for rigid condu	ctor			
 maximum 		6 mn	1 ²		
• minimum		1 mn			
connectable conductor core end processing	cross-section for flexible cor	iductor with			
Connections					
number of terminals		6			
Number					
pulse duration minimu	n	50 m	S		
product function direct		Yes			
Product function					
number of CO contacts	3	0			
number of NO contacts		1			
number of NC contacts	3	1			
product component sw	itch position indicator	Yes			
Product details					
_1 full-scale valu	le	50 H	Z		
 _1 initial value 		50 H	Z		
control voltage frequer	су				
 _1 setpoint 		110 \	V		
 _1 full-scale value 	le	121 \	V		
 _1 initial value 		88 V			

Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates. Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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=5TT4115-1

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

https://support.industry.siemens.com/cs/ww/en/ps/5TT4115-1

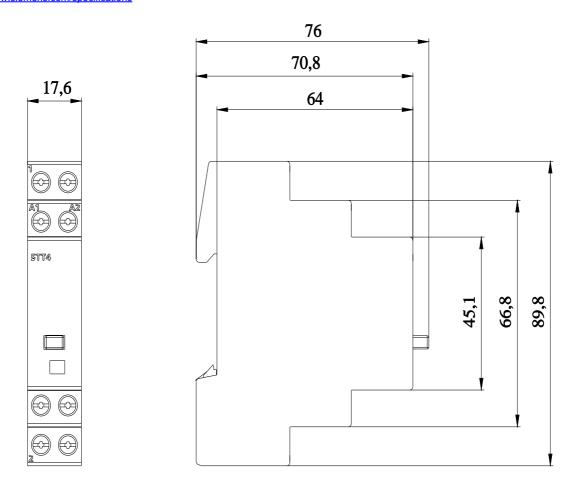
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4115-1

CAx-Online-Generator

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

http://www.siemens.com/specifications



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