SIEMENS

Data sheet

5TT4217-2



switching relay with 2 CO contact for 230V AC, 400V 16A 24V DC control

Model product brand name SENTRON product designation Switching relays design of the product With 2 CO design of the switching function 2 CO General technical data Operating range factor of control voltage_1 operating range factor of control voltage_1 0.8 electrical endurance (operating cycles) 50 000 galvanic isolation between magnet coil and contact Yes switching current at AC per contact minimum 10 V switching current at AC per contact minimum 10 V surge voltage of the operating voltage AC control voltage at DC rated value maximum 24 V surge voltage resistance rated value 4 kV Supprly voltage eniminum 400 V et AC rated value maximum 400 V switching capacity apparent power of or uncompensated fluorescent lamp load 400 VA switching capacity acruet at cos phil 0.6 f6 A		
product designation Switching relays design of the product With 2 CO design of the switching function 2 CO General technical data	Model	
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design of the switching function 2 CO General technical data	product designation	Switching relays
General technical data operating range factor of control voltage_1 0.8 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 Voltage AC control voltage at DC rated value maximum 24 V surge voltage resistance rated value 4 kV Supply voltage OV operating voltage 4 kV Supply voltage OV V operating voltage of the supply voltage AC operating voltage 400 V • minimum 400 V • maximum 400 V • at AC rated value maximum 400 V • at AC rated value maximum 400 V • at AC rated value maximum 400 V • switching capacity apparent power AC protection class IP IP20, with connected conductors Switching capacity gaparent power 400 VA • for uncompensated fluorescent lamp load 400 VA switching capacity active power with incandescent lamp load 1200 W </td <td>design of the product</td> <td>With 2 CO</td>	design of the product	With 2 CO
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Dissipation power loss [W] • for rated value of the current at AC in hot operating state per pole		1 200 W
power loss [W] • for rated value of the current at AC in hot operating state per pole 1 W		
for rated value of the current at AC in hot operating 1 W state per pole		
state per pole		
e at 16 A par contract rated value 1 W/	state per pole	1 W
• at to A per contact rated value	 at 16 A per contact rated value 	1 W
• of magnet coil with pulse rated value 1.7 W	 of magnet coil with pulse rated value 	1.7 W
Main circuit	Main circuit	
operating frequency rated value 50 Hz	operating frequency rated value	50 Hz
operational current	operational current	
rated value 16 A	rated value	16 A
• at cos phi 0.6 1 rated value 16 A	• at cos phi 0.6 1 rated value	16 A

Control current						
			_	_		
type of voltage			DO			
of control voltage	je_1		DC			
control voltage • _1 initial value			24 V			
 _1 full-scale val 	10		24 V 24 V			
control voltage freque			24 V			
• _1 initial value	illey		50 Hz			
 _1 full-scale val 			50 Hz			
operating range factor			1.1			
number of NC contact			0			
number of NO contacts		0				
number of CO contac	number of CO contacts					
Product function						
product function direc	t operation		Yes			
Inputs Outputs			100			
			portiolly	alastrania		
relay design			partially	electronic		
Number						
number of terminals w	vith cross-head screw		1			
Connections						
	r cross-section for flexil	ole conductor				
with core end process	sing					
• minimum			1 mm ²			
maximum	n analog a solition for visid	e e re du ceterr	6 mm²			
	or cross-section for rigid	conductor	1 mm ²			
minimummaximum			1 mm² 6 mm²			
			0 11111			
Mechanical Design			1.0			
width of opening of the	e contacts		1.2 mm			
installation depth			90 mm			
number of modular wi	ath units		1 DIN rail			
mounting position	fastening method					
required spacing for li	ve parts		any 6 mm			
Environmental condit			0 mm			
			_			
ambient temperature	during operation		-10 °C			
minimum			-10°C 40 °C			
 maximum 			40 C			
General Product Ap	proval					Declaration of Conformity
						Comornity
	Confirmation	~		Miscellaneous		
(m)	Commation			MISCEIIAIIEOUS	EAC	CE
		Ē			ΓΠΙ	
ccc		VDE				EG-Konf.
Declaration of Conformity	Test Certificates	other			Environment	
	Miscellaneous	Confirmatio	on	Miscellaneous	Environmental Con-	
UK					firmations	
СΩ						

Further information

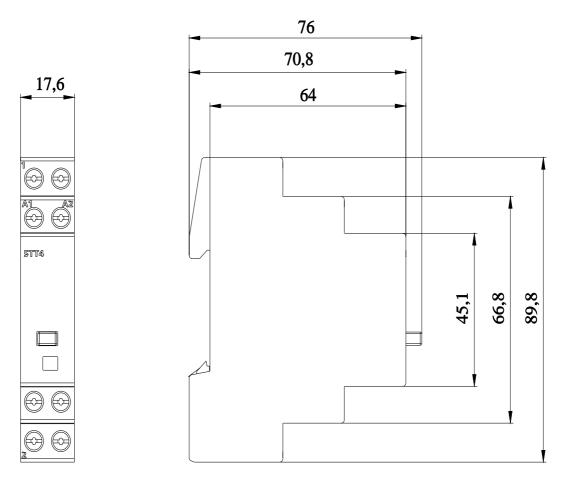
Siemens has decided to exit the Russian market (see here). https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

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=5TT4217-2 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5TT4217-2 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4217-2 CAx-Online-Generator http://www.siemens.com/cax Tender specifications

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