SIEMENS

Data sheet 5TT4111-2



Remote control switch with 1 NO contact, Contact for 230 V AC 16 A Control 24 V 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
Control current	
type of voltage	
of control voltage_1	DC
control voltage	
● _1 initial value	19.2 V

• _ 1 full-scale value		
control voltage frequency initial value	_1 full-scale value	26.4 V
• _1 initial value	• _1 setpoint	24 V
•_1 full-scale value Froduct component switch position indicator number of NC contacts number of NC contacts 1 number of CO contacts 1 number of CO contacts 1 number of CO contacts 0 Product function Product function direct operation product function inimum 50 ms Number number of terminals 4 Connections connectable conductor cross-section for flexible conductor with core end processing • minimum • maximum 1 mm² • maximum 6 mm² connectable conductor cross-section for rigid conductor • minimum • maximum 6 mm² tightening forque with screw-type terminals • minimum • maximum 1 N·m Mochanical Dosign width of opening of the contacts mounting height 10 mm mounting height 10 mm mounting height 10 mm mounting negotion installation depth number of modular width units 1 fastening method mounting position required spacing for live parts end wight 10 T°C environmental conditions ambient temperature during operation • minimum • minimum • minimum • minimum • minimum 10 T°C • minimum • minim	control voltage frequency	
Product details product component switch position indicator number of NC contacts 1 number of NC contacts 0 Product function product function direct operation pubber of CC contacts 1 number of CC contacts Product function direct operation pubber of terminals 4 Connections connectable conductor cross-section for flexible conductor with core end processing minimum minim	_1 initial value	50 Hz
product component switch position indicator number of NC contacts number of CO contacts 1 number of CO contacts 0 Product function product function direct operation product function Number number of terminals 4 Connections connectable conductor cross-section for flexible conductor with core end processing inimimm inimim initialiation depth inimim inimimim inimimimim	• _1 full-scale value	50 Hz
number of NC contacts 1 number of NO contacts 1 number of CO contacts 0 Product function product function direct operation	Product details	
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number of CO contacts 0 Product function product function office toperation Yes pulse duration minimum 50 ms Number number of terminals 4 Connections connectable conductor cross-section for flexible conductor with core end processing	number of NC contacts	0
Product function product function direct operation product function direct operation pulse duration minimum 50 ms Number number of terminals 4 Connections connectable conductor cross-section for flexible conductor with core end processing	number of NO contacts	1
product function direct operation Yes pulse duration minimum 50 ms Number number of terminals 4 Connections connectable conductor cross-section for flexible conductor with core end processing • minimum • maximum connectable conductor cross-section for rigid conductor • minimum • maximum 1 mm² • maximum connectable conductor cross-section for rigid conductor • minimum • maximum 1 mm² • maximum 1 tightening torque with screw-type terminals • minimum • 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 required spacing for live parts net weight 135 g Environmental conditions ambient temperature during operation • minimum • maximum • maximum • naximum	number of CO contacts	0
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number of terminals 4 Connections connectable conductor cross-section for flexible conductor with core end processing eminimum emaximum formaximum form	pulse duration minimum	50 ms
Connectable conductor cross-section for flexible conductor with core end processing • minimum • maximum • no pening of the contacts mounting height installation depth number of modular width units fastening method mounting position required spacing for live parts net weight Environmental conditions ambient temperature during operation • minimum • maximum	Number	
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core end processing	Connections	
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connectable conductor cross-section for rigid conductor • minimum • maximum • maximum • maximum • minimum • maximum Mechanical Design width of opening of the contacts mounting height • go mm installation depth 70 mm number of modular width units 1 fastening method mounting position required spacing for live parts net weight Environmental conditions ambient temperature during operation • minimum • minimum • minimum • minimum • minimum • minimum • maximum 1 mm² 1 N·m 1 O mm 1 Din minimum -10 °C • maximum • minimum • minimum • minimum • minimum • minimum • maximum	• minimum	1 mm²
	• maximum	6 mm²
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minimum maximum 1 N·m Mechanical Design width of opening of the contacts mounting height mounting height installation depth number of modular width units 1 fastening method mounting position any required spacing for live parts net weight Environmental conditions ambient temperature during operation minimum maximum 1 N·m 90 mm 70 mm DIN rail DIN rail any Fequired spacing for live parts 6 mm 135 g Environmental conditions ambient temperature during operation minimum maximum 40 °C	• maximum	6 mm²
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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 135 g Environmental conditions ambient temperature during operation -10 °C • maximum -10 °C 40 °C	• minimum	0.8 N·m
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mounting height 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 135 g Environmental conditions ambient temperature during operation • minimum • maximum • maximum	Mechanical Design	
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 135 g Environmental conditions ambient temperature during operation • minimum • maximum • maximum 70 mm 40 °C	width of opening of the contacts	1.2 mm
number of modular width units fastening method DIN rail mounting position any required spacing for live parts net weight Environmental conditions ambient temperature during operation • minimum • maximum • maximum 1 DIN rail 6 mm 135 g Find the part of t	mounting height	90 mm
fastening method mounting position any required spacing for live parts 6 mm net weight 135 g Environmental conditions ambient temperature during operation • minimum • maximum 10°C 40°C	installation depth	70 mm
mounting position any required spacing for live parts 6 mm net weight 135 g Environmental conditions ambient temperature during operation • minimum • maximum • maximum 40 °C	number of modular width units	1
mounting position any required spacing for live parts 6 mm net weight 135 g Environmental conditions ambient temperature during operation • minimum • maximum 40 °C	fastening method	DIN rail
net weight Environmental conditions ambient temperature during operation • minimum • maximum 40 °C		any
Environmental conditions ambient temperature during operation • minimum • maximum 40 °C	required spacing for live parts	6 mm
ambient temperature during operation	net weight	135 g
 minimum maximum 40 °C 	Environmental conditions	
 minimum maximum 40 °C 	ambient temperature during operation	
		-10 °C
Approvals Certificates	• maximum	40 °C

General Product Approval





Confirmation



Miscellaneous



Test Certificates other Environment

<u>Miscellaneous</u> <u>Confirmation</u> <u>Miscellaneous</u> <u>Environmental Confirmations</u>

Further information

Siemens has decided to exit the Russian market (see here).

 $\underline{\text{https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business}}$

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=5TT4111-2

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5TT4111-2

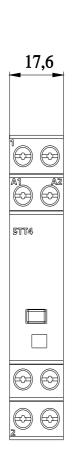
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4111-2

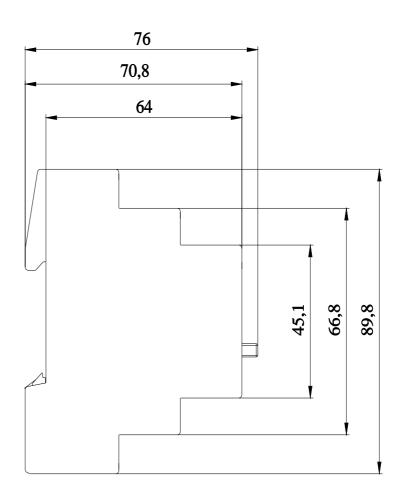
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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