SIEMENS

Data sheet 5TT4111-1



Remote control switch with 1 NO contact, Contact for 230 V AC 16 A 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
Control current	
type of voltage	
of control voltage_1	DC
control voltage	
_1 initial value	88 V

 _ 1 full-scale value _ 1 setpoint _ 110 V control voltage frequency _ 1 initial value _ 1 full-scale value _ 50 Hz _ 1 full-scale value _ 50 Hz _ 1 full-scale value _ 7 Froduct details _ 1 full-scale value _ 2 Froduct component switch position indicator _ Yes
control voltage frequency • _1 initial value • _1 full-scale value 50 Hz Product details
 _1 initial value _1 full-scale value 50 Hz Product details
_1 full-scale value Product details 50 Hz
Product details
product component switch position indicator.
product component switch position indicator Yes
number of NC contacts 0
number of NO contacts 1
number of CO contacts 0
Product function
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 1 mm²
• maximum 6 mm²
connectable conductor cross-section for rigid conductor
• minimum 1 mm²
• maximum 6 mm²
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 any
required spacing for live parts 6 mm
net weight 144 g
Environmental conditions
ambient temperature during operation
• minimum -10 °C
• maximum 40 °C
Approvals Certificates

General Product Approval





Confirmation



Miscellaneous



Test Certificates other Environment

<u>Miscellaneous</u> <u>Miscellaneous</u> <u>Confirmation</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=5TT4111-1

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/5TT4111-1

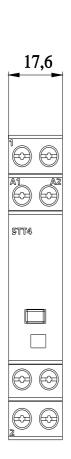
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...) http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4111-1

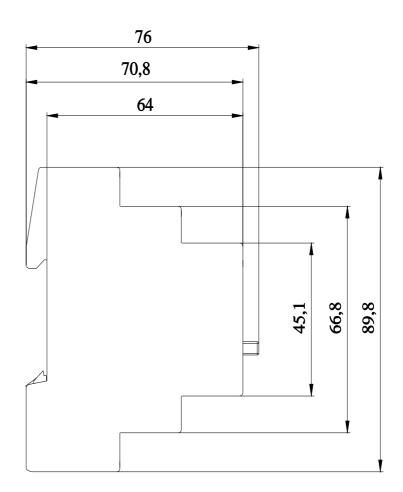
CAx-Online-Generator

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





last modified:

8/5/2021