SIEMENS

Product data sheet 5TT4121-0

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REMOTE SWITCH WITH 1NO WITH CENTRAL ON-OFF FUNCTION CONTACT FOR AC 230,400V 16A CONTROL AC 230V

Technical data:		
Latching relay design		mechanical for central control
Type of mounting		DIN rail
Number of NC contacts		0
Number of NO contacts		1
Number of change-over switches		0
Width of opening / of contacts	mm	1.2
Stipulated clearance to live parts	mm	6
Switching current / with AC / per contact / minimum	mA	100
Switching voltage / of contacts / with AC / minimum	V	10
type of voltage		AC
Type of voltage / of control voltage_1		AC
Control voltage/ _1 / final value		
• initial value	V	184
•	V	253
• setpoint	V	230
Operating range factor control supply voltage rated value / at 50 Hz / for AC		
• initial value		0.8

• final value		1.1
Control voltage / _2 / setpoint	V	230
Operating range factor / of control voltage_2		0.8
Supply voltage	V	250 … 250
Breaking capacity current		
• nominal value	A	16
• at cos phi 0.6	A	16
Switching capacity real power / for filament lamp load	W	2,000
Switching capacity apparent power		
• for uncorrected fluorescent lamp load	V·A	400
• for fluorescent lamp load with DUO circuit	V·A	700
• for fluorescent lamp load with parallel compensation	V·A	300
Control voltage frequency / _1		
• initial value	Hz	50
• final value	Hz	50
Impulse voltage resistance / rated value	kV	4
Apparent power loss / of magnet coil / with pulse / rated value	V·A	7
Active power loss / at 16 A / per contact / rated value	W	1.2
Number of pitch units for width		1.5
Product function / direct operation		Yes
Product component / switch position indicator		Yes
Mounting height	mm	90
Mounting depth	mm	70
Galvanic isolation / between magnet coil and contact		Yes
Design of continuous voltage fuse		Yes
Pulse duration / minimum	ms	50
Electrical endurance (operating cycles)		50,000
Number of terminals		6
Conductor cross section that can be connected		
• for rigid conductor	mm²	1.5 … 6
Conductor cross section that can be connected / for flexible conductor		
• with wire end processing	mm²	1 … 6
Ambient temperature / with relative humidity 95% / in accordance with DIN 50015	°C	35
Ambient temperature	°C	-10 … +40
Protection class IP		IP20, with connected conductors
mounting position		any

Certificates/approvals:

General Product Approval

GOST

Further information:

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/lowvoltage/catalogs

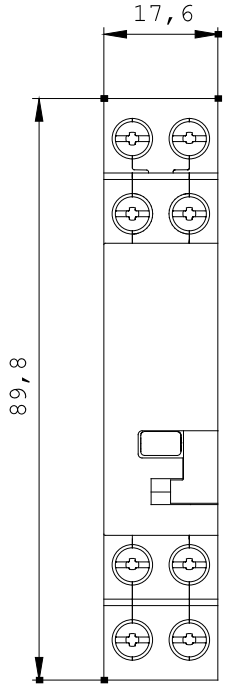
Industry Mall (Online ordering system)
http://www.siemens.com/lowvoltage/mall

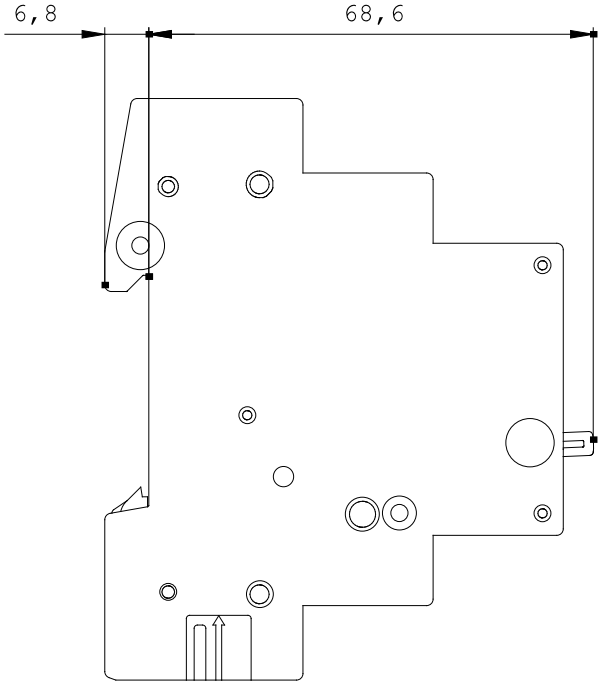
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/5TT4121-0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5TT4121-0

CAx-Online-Generator
http://www.siemens.com/cax

Tender specifications
Datanorm GAEB81 GAEB83 RTF TXT





last change: Feb 21, 2013