SIEMENS

Data sheet 3SE5112-0CA00



basic switch for position switch 3SE51 metal enclosure, according to EN 50041, device connection 1 x (M20 x 1.5) 1 NO/1 NC quick action contacts without actuator head

product brand name	SIRIUS
product designation	Mechanical safety switches
product type designation	3SE5
manufacturer's article number	
 of the supplied switching contacts 	3SE5000-0CA00
 of the supplied empty enclosure with cover 	3SE5112-0AA00
suitability for use safety switch	Yes
General technical data	
product function positive opening	Yes
insulation voltage rated value	400 V
degree of pollution	class 3
surge voltage resistance rated value	6 kV
protection class IP	IP66/IP67
shock resistance	
 according to IEC 60068-2-27 	30g / 11 ms
vibration resistance according to IEC 60068-2-6	0.35 mm/5g
mechanical service life (operating cycles) typical	15 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000
thermal current	10 A
reference code according to IEC 81346-2	В
continuous current of the C characteristic MCB	1 A; for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A; for a short-circuit current smaller than 400 A
continuous current of the DIAZED fuse link gG	6 A
active principle	mechanical
repeat accuracy	0.05 mm
Substance Prohibitance (Date)	07/01/2006
minimum actuating force in directions of actuation	20 N
length of the sensor	85.7 mm
width of the sensor	40 mm
Ambient conditions	
ambient temperature	
 during operation 	-25 +85 °C
during storage	-40 +90 °C
explosion protection category for dust	none
design of the switching contact	mechanical
operating frequency rated value	50 60 Hz
number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
operational current at AC-15	

at 24 V rated value at 125 V rated value at 125 V rated value at 400 V rated value at 25 V rated value at 250 V rated value at 250 V rated value at 400 V rate				
• at 240 V rated value • at 400 V rated value • at 400 V rated value operational current at DC-13 • at 240 V rated value • at 125 V rated value • at 125 V rated value • at 250 V rated value • at 400 V rated value • at 250 V rated value • at 400 V rated value • at 250 V rated value • at 400 V rated value • at 250 V rated value • at 400 V rated value • at 400 V rated value • at 250 V rated value • at 400 V rated value • at 250 V rated value • at 400 V rated value • at 250 V rated value • at 400 V rate	 at 24 V rated value 	6 A		
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e at 24 V rated value 3 A • at 25 V rated value 0.55 A • at 25 V rated value 0.27 A • at 400 V rated value	 at 240 V rated value 	6 A		
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Certificates/ approvals	Communication/ Protocol			
	design of the interface	without		
Functional	ertificates/ approvals			
			Functional	

General Product Approval

Functional Safety/Safety of Machinery



Confirmation







Type Examination Certificate

Declaration of Conformity

Test Certificates

other





Type Test Certificates/Test Report Confirmation

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,...)

https://www.siemens.com/ic10

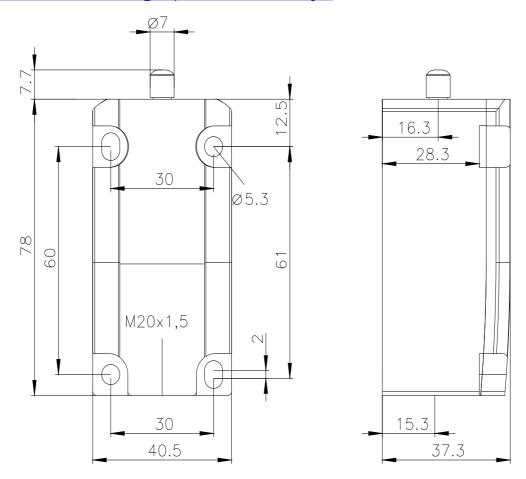
Industry Mall (Online ordering system)

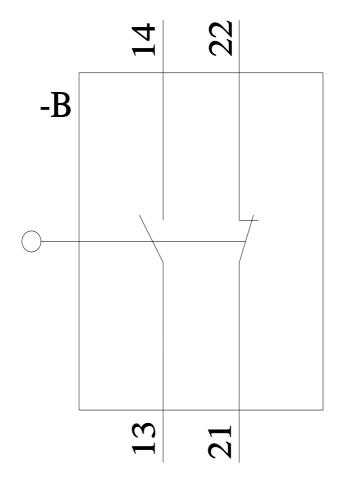
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5112-0CA00

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5112-0CA00

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5112-0CA00&lang=en





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