SIEMENS

Data sheet

3SE5132-0CA00-1CA0



Basic switch with increased corrosion protection for position switch 3SE513 Enclosure plastic according to EN 50041 Device connection 1x (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 	3SE5132-0AA00-1CA, on request
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	

design of the housing block, narrow material of the enclosure plastic coating of the enclosure Other types design of the housing according to standard Yes Drive Head design of the actuating element Other, without, basic switch design of the switching function Positive opening with appropriate positive opening actuator head circuit principle snap-action contacts number of switching contacts safety-related 1 cable entry type 1x (M20 x 1.5) Installation/ mounting/ dimensions mounting position any fastening method screw fixing Connections/ Terminals type of electrical connection screw-type terminals type of connectable conductor cross-sections					
• at 240 V rated value • at 400 V rated value • at 400 V rated value operational current at DC-13 • at 250 V rated value • at 125 V rated value • at 250 V rated value • at 400 V rate	 at 24 V rated value 	6 A			
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design of the interface without ertificates/ approvals	 for AWG cables stranded 	1x (20 16), 2x (20 18)	1x (20 16), 2x (20 18)		
design of the interface without ertificates/ approvals	design of the interface for safety-related communication	without			
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

other





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

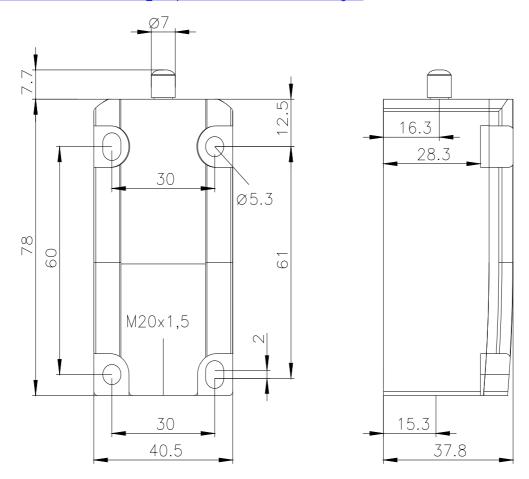
Industry Mall (Online ordering system)

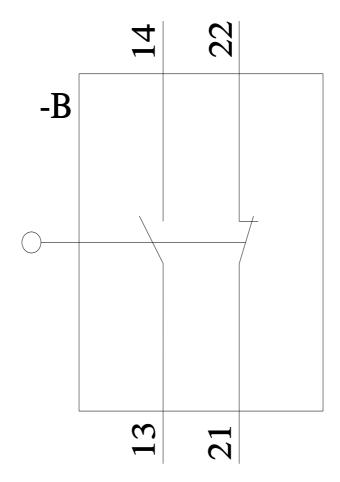
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5132-0CA00-1CA0

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0CA00-1CA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5132-0CA00-1CA0&lang=en





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