SIEMENS

Data sheet

3SE5132-0CA00-1CA0



Basic switch with increased corrosion protection for position switch 3SE513 Enclosure plastic according to EN 50041 Device connection $1x (M20 \times 1.5) 1 NO/1 NC$ 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 	<u>3SE5000-0CA00</u>			
 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 (switching cycles) typical	15 000 000			
electrical endurance (switching cycles) at AC-15 at 230 V typical	100 000			
electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical	10 000 000			
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026	6 000			
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			
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 	6 A				
 at 125 V rated value 	6 A	6 A			
 at 240 V rated value 	6 A	6 A			
• at 400 V rated value	4 A				
operational current at DC-13					
 at 24 V rated value 	3 A	3 A			
 at 125 V rated value 	0.55 A	0.55 A			
 at 250 V rated value 	0.27 A				
 at 400 V rated value 	0.12 A				
design of the interface for safety-related communication	without	without			
Enclosure					
design of the housing	block, narrow	block, narrow			
material of the enclosure	plastic	plastic			
coating of the enclosure	Other types				
design of the housing according to standard	Yes				
Drive Head					
design of the actuating element	Other, withou	It. basic switch			
design of the switching function	_	Other, without, basic switch Positive opening with appropriate positive opening actuator head			
circuit principle		snap-action contacts			
number of switching contacts safety-related	1				
Connections/ Terminals		1			
type of electrical connection	eorou hino to	rminala			
	screw-type te	screw-type terminals			
type of connectable conductor cross-sections	1, 0 5 4 5	$1_{1}(0.5, 1.5 \text{ mm}^2)$ $2_{1}(0.5, 0.75 \text{ mm}^2)$			
 solid finally atranded with care and processing 		$1x (0.5 \dots 1.5 \text{ mm}^2), 2x (0.5 \dots 0.75 \text{ mm}^2)$			
finely stranded with core end processing		1x (0.5 1.5 mm ²), 2x (0.5 0.75 mm ²)			
at AWG cables solid		1x (20 16), 2x (20 18)			
at AWG cables stranded		1x (20 16), 2x (20 18)			
cable entry type	1x (M20 x 1.5	5)			
Communication/ Protocol					
design of the interface	without				
Ambient conditions					
ambient temperature					
 during operation 	-25 +85 °C	-25 +85 °C			
 during storage 	-40 +90 °C	-40 +90 °C			
explosion protection category for dust	none				
Installation/ mounting/ dimensions					
mounting position	any				
fastening method	_	screw fixing			
Certificates/ approvals	3				
General Product Approval					
Confirmation		-			
Confirmation			EAC	гпг	
		U	r m i	T M I	
CSA CCC		UL			
Functional					
Safety/Safety of Declaration of Conformity	other				
Machinery					
Type Examination UK Certificate UK Certificate CA	• <u>Co</u>	nfirmation			
EG-Konf	•				
Further information					

Information- and Downloadcenter (Catalogs, Brochures,...) https://www.siemens.com/ic10 Industry Mall (Online ordering system)

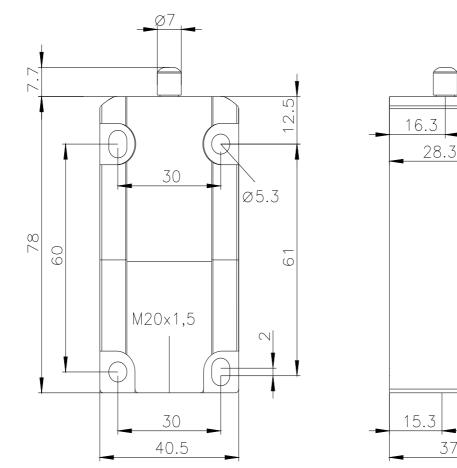
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Cax online generator

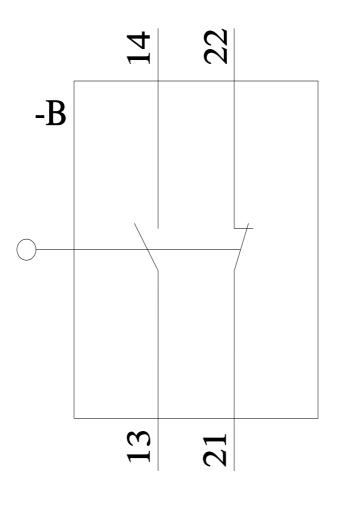
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0CA00-1CA0

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