SIEMENS

Data sheet

3SE5122-0CD02



Position switch Metal enclosure 56 mm wide, Device connection 3x (M20x 1.5) 1 NO/1 NC quick action contacts, Roller plunger with 3 mm overtravel, Stainless steel roller 13 mm

product brand name	SIRIUS			
product designation	Mechanical position switches			
product type designation	3SE5			
manufacturer's article number				
 of the supplied basic switch 	<u>3SE5112-0CA00</u>			
 of the supplied actuator head for position switches 	<u>3SE5000-0AD02</u>			
 of the supplied switching contacts 	<u>3SE5000-0CA00</u>			
 of the supplied empty enclosure with cover 	<u>3SE5122-0AA00</u>			
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			
material of the enclosure of the switch head	metal			
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	116.5 mm			
width of the sensor	56 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 		6 A			
• at 125 V rated value		6 A			
• at 240 V rated value		6 A			
• at 400 V rated value		4 A			
operational current at DC-13					
• at 24 V rated value		3 A			
• at 125 V rated value		0.55 A			
• at 250 V rated value	0.27 A				
 at 400 V rated value 	0.12 A				
Enclosure					
design of the housing		block, wide			
material of the enclosure		metal			
coating of the enclosure		cathodic dip	coating		
design of the housing according to standard		No	, i i i i i i i i i i i i i i i i i i i		
Drive Head					
design of the actuating element		Roller plunger, high-grade steel roller			
standard-compliant actuator head		EN 50041, design C			
design of the switching function		positive opening			
circuit principle		snap-action contacts			
number of switching contacts safety-related		1			
cable entry type	3x (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					
• solid		1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)			
 finely stranded with core end processing 	1x (0.5 1.5 mm ²), 2x (0.5 0.75 mm ²)				
 for AWG cables solid 	1x (20 16), 2x (20 18)				
 for AWG cables stranded 	1x (20 16), 2x (20 18)				
design of the interface for safety-related commun	without				
Communication/ Protocol					
design of the interface		without			
Certificates/ approvals					
General Product Approval					Functional Safety/Safety of Ma- chinery
	<u>Confirmatio</u>	<u>n</u>		EAC	<u>Type Examination Cer-</u> tificate
Declaration of Conformity	Test Certificate	es othe	er		
	<u>Type Test Cer</u> ates/Test Rep		<u>Confirmation</u>		

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-windwn-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)

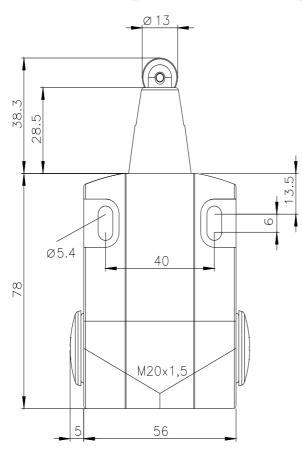
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5122-0CD02

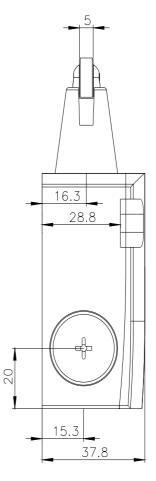
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5122-0CD02

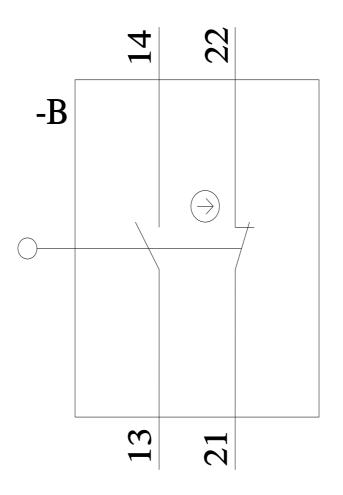
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

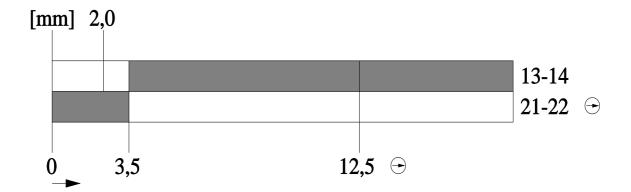
https://support.industry.siemens.com/cs/ww/en/ps/3SE51

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5122-0CD02&lang=en









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7/6/2023