SIEMENS

Data sheet

3SE5232-0CE12-1CA0



Position switch with increased corrosion protection Plastic enclosure according to EN 50047, 31 mm Device connection 1 x (M20 x 1.5) 1 NO/1 NC quick action contacts (replaceable) Roller lever made of stainless steel with plastic roller 13 mm

roduct brand name SIRIUS roduct designation Mechar roduct type designation 3SE5	nical position switches
nanufacturer's article number	
	00-0AE12
	00-0 <u>CA00</u>
	<u>32-0AC05-1CA0</u>
uitability for use safety switch Yes neral technical data	
legree of pollution class 3 urge voltage resistance rated value 6 kV	
hock resistance	1
according to IEC 60068-2-27 30g / 11 ibration resistance	1 1115
	~/Fa
e according to IEC 60068-2-6 0.35 mm echanical service life (operating cycles) typical 15 000	-
nechanical service life (operating cycles) typical 15 000 lectrical endurance (operating cycles) at AC-15 at 230 V 100 000	
ypical	J
hermal current 10 A	
naterial of the enclosure of the switch head plastic	
eference code according to IEC 81346-2 B	
ontinuous current of the C characteristic MCB 1 A; for	a short-circuit current smaller than 400 A
ontinuous current of the quick DIAZED fuse link 10 A; for	or a short-circuit current smaller than 400 A
ontinuous current of the DIAZED fuse link gG 6 A	
ctive principle mechar	nical
epeat accuracy 0.05 mr	n
Substance Prohibitance (Date) 07/01/2	006
ninimum actuating force in directions of actuation 10 N	
ength of the sensor 94.4 mr	n
vidth of the sensor 31 mm	
nbient conditions	
mbient temperature	
• during operation -25 +	85 °C
• during storage -40 +	0° 00°
xplosion protection category for dust none	
esign of the switching contact mechan	nical
perating 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 120 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, 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	Roller lever, high-grade steel lever, plastic roller			
standard-compliant actuator head	EN 50047, design E			
shape of the switch head	roller			
design of the switching function	positive opening			
circuit principle	snap-action contacts	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	sciew-type terminals			
solid	$4x (0 = 4 = mm^2) = 0x (0 = 0.75 mm^2)$			
		$1x (0.5 1.5 mm^2), 2x (0.5 0.75 mm^2)$ $1x (0.5 1.5 mm^2), 2x (0.5 0.75 mm^2)$		
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 communication	without			
Communication/ Protocol				
design of the interface	without			
Certificates/ approvals				
General Product Approval		Functional Safety/Safety of Ma- chinery		
		<u>Type Examination Cer</u> <u>tificate</u>		
Declaration of Conformity Test C	ertificates other			
	Test Certific- Type Test Certific- Confirmation Test Report ates/Test Report Confirmation			
Eurther information				

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=3SE5232-0CE12-1CA0

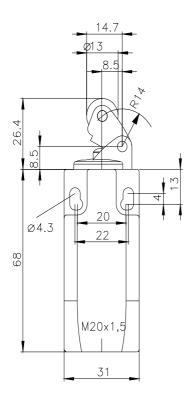
Cax online generator

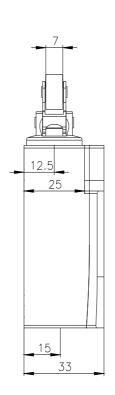
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0CE12-1CA0

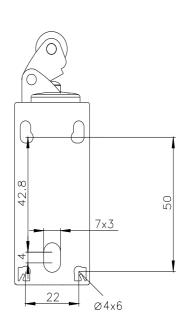
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

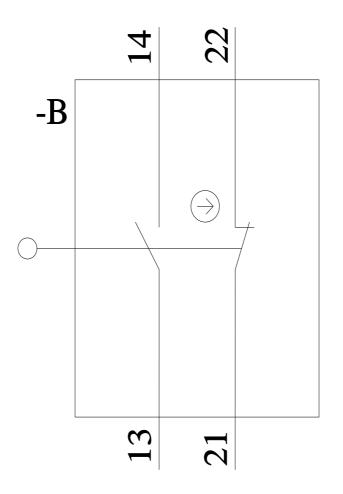
https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0CE12-1CA0

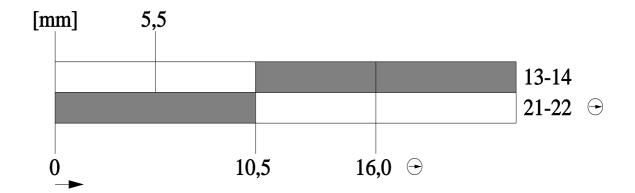
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0CE12-1CA0&lang=en











3/23/2022 🖸