SIEMENS

Data sheet

3SE5212-0LC05-1CA0



Position switch with increased corrosion protection Metal enclosure according to EN 50047, 31 mm Device connection 1 x (M20 x 1.5) 1 NO/2 NC quick action contacts with plunger

product brand name SIRUIS product type designation 3SE5 manufacturer's article number SSE5000.0LA00 • of the supplied switching contacts SSE5212.0AC05-ICA0 • of the supplied empty enclosure with cover SSE5212.0AC05-ICA0 suitability for use safety switch Yes product function positive opening Yes product function positive opening 64 N/V degree of pollution class 3 surge voltage resistance rated value 64 N/V of the supplied openity enclosure with cover 30g / 11 ms vibration resistance - • according to IEC 60068-2-57 30g / 11 ms vibration resistance - • according to IEC 60068-2-57 100 000 referance code according to IEC 60068-2-5 0.35 mm/5g mechanical service life (operating cycles) typical 15 000 000 referance code according to IEC 60068-2-5 100 000 referance code according to IEC 60068-2-6 0.35 mm/5g continuous current of the cycle DIAZED fue link 10 A referance code according to IEC 61046-2 B conti				
product type designation 3SE5 manufacturer's article number SE5000-01.000 • of the supplied switch corrates 3SE5212-0AC05-1CA0 • of the supplied switch corrates 3SE5212-0AC05-1CA0 suitability for use safety switch Yes product function positive opening Yes insulation votage rated value 400 V degree of pollution class 3 surge votage resistance rated value 6 kV protect function positive opening IPR6/IPS7 shock resistance	product brand name	SIRIUS		
marufacturer's article number SE5200-0LA00 • of the supplied switching contacts SE5212-0AC05-1CA0 sutbability for ues selety switch Yes insulation voltage rated value 400 V degree of pollution class 3 surge voltage rated value 6kV product function positive opening Fes insulation voltage rated value 6kV degree of pollution class 3 surge voltage resistance rated value 6kV • according to IEC 60068-2:27 30g/11 ms vibration resistance - • according to IEC 60068-2:67 30g/11 ms vibration resistance - • according to IEC 60068-2:67 30g/11 ms vibration resistance - • according to IEC 60068-2:67 30g/11 ms vibration resistance - • according to IEC 60068-2:67 30g/11 ms vibration resistance - • according to IEC 80068-2:67 30g/11 ms vibration resistance - • according to IEC 80068-2:67 0.35 mm/5g mechanical service If the operating cycles) at AC-15 at 230 V 100 000 </th <th>product designation</th> <th>Mechanical position switches</th>	product designation	Mechanical position switches		
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SVHC substance nameImidazolidin-2-thion - 96-45-7minimum actuating force in directions of actuation20 Nlength of the sensor75.7 mmwidth of the sensor31 mmAmbient conditions	repeat accuracy	0.05 mm		
minimum actuating force in directions of actuation 20 N length of the sensor 75.7 mm width of the sensor 31 mm Ambient conditions 31 mm ambient temperature -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical	Substance Prohibitance (Date)	07/01/2006		
length of the sensor 75.7 mm width of the sensor 31 mm Ambient conditions	SVHC substance name	Imidazolidin-2-thion - 96-45-7		
width of the sensor 31 mm Ambient conditions	minimum actuating force in directions of actuation	20 N		
Ambient conditions ambient temperature • during operation • during storage -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact	length of the sensor	75.7 mm		
ambient temperature -25 +85 °C • during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical	width of the sensor	31 mm		
• during operation -25 +85 °C • during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical	Ambient conditions			
• during storage -40 +90 °C explosion protection category for dust none design of the switching contact mechanical	ambient temperature			
explosion protection category for dust none design of the switching contact mechanical	during operation	-25 +85 °C		
design of the switching contact mechanical	during storage	-40 +90 °C		
	explosion protection category for dust	none		
operating frequency rated value 50 60 Hz	design of the switching contact	mechanical		
	operating frequency rated value	50 60 Hz		

number of NC contacts for auxiliary co	ntacts	2			
number of NO contacts for auxiliary co	ontacts	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		metal			
coating of the enclosure		cathodic dip coating			
design of the housing according to sta	ndard	Yes			
Drive Head					
design of the actuating element		Rounded plunger, plas	stic plunger		
standard-compliant actuator head		EN 50047, design B			
shape of the switch head		rounded			
design of the switching function		positive opening			
circuit principle		snap-action contacts			
number of switching contacts safety-relate	ed	2			
cable entry type		z 1x (M20 x 1.5)			
nstallation/ mounting/ dimensions					
fastening method		any screw fixing			
Connections/ Terminals		oorow hixing			
type of electrical connection		screw-type terminals			
type of connectable conductor cross-s					
solid	ections	$1 \times (0.5 \times 1.5 \text{ mm}^2) 2 \times 10^{-1}$	x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)		
 finely stranded with core end proce 	ssina				
for AWG cables solid	Soling	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²) 1x (20 16), 2x (20 18)			
for AWG cables solid					
	ommunication	1x (20 16), 2x (20 18)			
design of the interface for safety-related communication without Communication/ Protocol Vithout					
design of the interface	_	without			
Certificates/ approvals		without			
General Product Approval					
		Confirmatio		•	
	E CE	Comman	(m)	<u>m</u>	
			<u>u</u>		
CSA	EG-Konf.		ccc	UL	
General Product Approval	Toot Cortificato	-	othor		
	Test Certificate	3	other		
KC Prese	Type Test Certi	fic- Type Test Ce	rtific- Confirmation		
	ates/Test Repo				
E N L	1				
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,...)

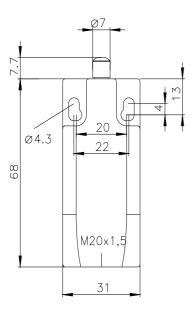
https://www.siemens.com/ic10

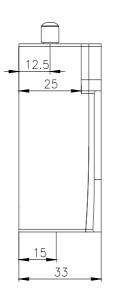
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5212-0LC05-1CA0

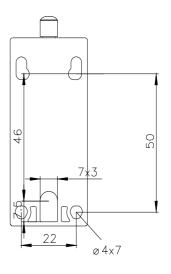
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5212-0LC05-1CA0 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

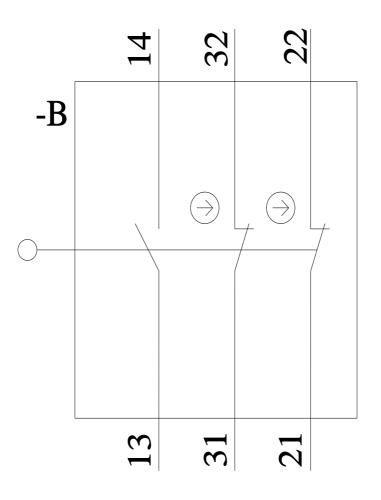
https://support.industry.siemens.com/cs/ww/en/ps/3SE5212-0LC05-1CA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5212-0LC05-1CA0&lang=en









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9/5/2023 🖸