SIEMENS

Data sheet

3SE5212-0CC05-1AJ0



Position switch Metal 31 mm, according to EN 50047 Increased corrosion protection Device connection 1 x (M20 x 1.5) 1 NO/1 NC quick action contacts Rounded plunger functional at -40 $^{\circ}$ C Shock and vibration test according to EN 61373, Category 1B

product designation Mechanical position switches product type designation 3SE5 manufacturer's article number - - of the supplied switching contacts SSE5000-0CA00 suitability for use safety switch Yes Ceneral 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 60068-2:7 30g / 11 ms • for railway applications according to EN 61373 Category 1, Class B vibration resistance - • according to IEC 60068-2:6 0.35 mm/5g • for railway applications according to EN 61373 Category 1, Class B referencical service IIF (operating cycles) typical 15 000 000 electrical indurance (operating cycles) typical 15 000 000 reference code according to IEC 81346-2 B continuous current of the outch bacd methal reference code according to IEC 81346-2 </th <th>product brand name</th> <th>SIRIUS</th>	product brand name	SIRIUS
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Ambient conditions ambient temperature • during operation • during storage -40 +85 °C -40 +90 °C	length of the sensor	75.7 mm
ambient temperature • during operation • during storage -40 +85 °C -40 +90 °C	width of the sensor	31 mm
• during operation-40 +85 °C• during storage-40 +90 °C	Ambient conditions	
• during storage -40 +90 °C	ambient temperature	
	 during operation 	-40 +85 °C
explosion protection category for dust	during storage	-40 +90 °C
	explosion protection category for dust	none
design of the switching contact mechanical	design of the switching contact	mechanical
operating frequency rated value 50 60 Hz	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 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 standard	Yes	
Drive Head		
design of the actuating element	Rounded plunger, plastic 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-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		
• solid	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)	
 finely stranded with core end processing 	1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)	
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
Confirmation (<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	

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=3SE5212-0CC05-1AJ0

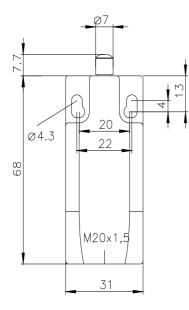
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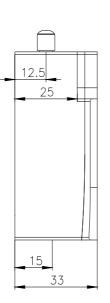
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5212-0CC05-1AJ0

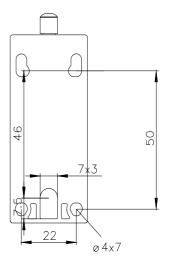
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SE5212-0CC05-1AJ0

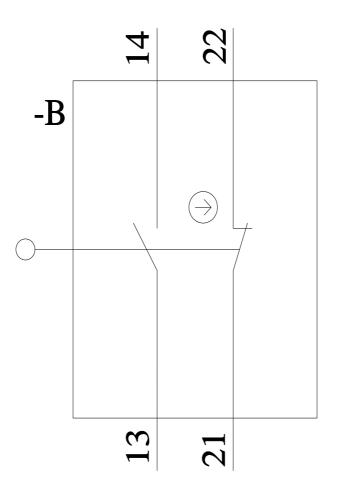
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5212-0CC05-1AJ0&lang=en







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