SIEMENS

Data sheet

3SE5232-0CC05-1AJ0



Position switch Plastic 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 brand name	SIRIUS
product designation	Mechanical position switches
product type designation	3SE5
manufacturer's article number	
 of the supplied switching contacts 	3SE5000-0CA00
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	IP65
shock resistance	
 according to IEC 60068-2-27 	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
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	plastic
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	75.7 mm
width of the sensor	31 mm
mbient conditions	
ambient temperature	
during operation	-40 +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 NO contacts for auxiliary contacts		
operational current at AC-15 6 A • at 24 V rated value 6 A • at 120 V rated value 6 A • at 400 V rated value 4 A • at 400 V rated value 3 A • at 125 V rated value 3 A • at 1250 V rated value 0.55 A • at 260 V rated value 0.27 A • at 260 V rated value 0.12 A • at 300 V rated value 0.12 A • at 300 V rated value 0.27 A • at 300 V rated value 0.12 A • at 300 V rated value 0.12 A • at 300 V rated value 0.27 A • at 300 V rated value 0.	number of NC contacts for auxiliary contacts	1
		1
	•	
• at 240 V rated value 4 A • at 400 V rated value 4 A operational current at DC-13 - at 24 V rated value • at 25 V rated value 0.55 A • at 250 V rated value 0.12 A • at 400 V rated value 0.12 A • at 250 V rated value 0.12 A • at 400 V rated value 0.12 A • at 250 V rated value 0.12 A • at 400 V rated value 0.12 A • at 400 V rated value 0.12 A • basset of the actualing element plastic • design of the actualing element Rounded plunger, plastic plunger • standard-compliant actuator head EN 50047, design B • shape of the switch head pounded • design of the actuating element solive plastic plunger		
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• at 250 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value Second Second	at 24 V rated value	3 A
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Communication/ Protocol design of the interface without	• for AWG cables stranded	1x (20 16), 2x (20 18)
design of the interface without	design of the interface for safety-related communication	without
	Communication/ Protocol	
	design of the interface	without
	Certificates/ approvals	

General Product Approval





Confirmation



<u>KC</u>



Functional Safety/Safety of Machinery

Declaration of Conformity

Test Certificates

other

Type Examination Certificate





Type Test Certificates/Test Report

Type Test Certificates/Test Report

Confirmation

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=3SE5232-0CC05-1AJ0

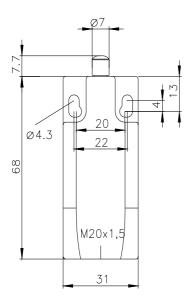
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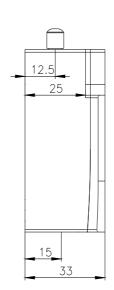
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0CC05-1AJ0

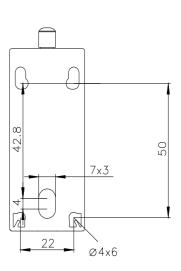
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

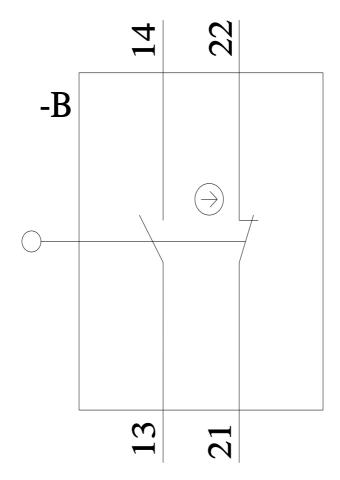
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0CC05-1AJ0&lang=en









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