SIEMENS

Data sheet

3SE5132-0CA00-1AJ0



SIRIUS POSITION SWITCH, . METAL, 40MM, ACC.TO EN50041 INCREASED CORROSION PROTECTION, DEVICE CONNECTION 1X (M20X1.5) 1NO/1NC QUICK-ACT.CONTACTS FUNCTIONAL AT -40 DEGREES, SHOCK-AND VIBRATION TEST ACC.TO EN61373, CATEGORY 1B

Product designation	basic switch for standard position schwitches
Manufacturer article number	
 of the supplied basic switch 	3SE5132-0CA00-1AJ0
 of the supplied switching contacts 	3SE5000-0CA00

General technical data:		
Product function		
• positive opening		Yes
Insulation voltage		
Rated value	V	400
Degree of pollution		class 3
Shock resistance		30g / 11 ms
Vibration resistance		0.35 mm / 5g
Surge voltage resistance Rated value	kV	6
Mechanical service life (switching cycles)		
• typical		15 000 000
Electrical endurance (switching cycles)		
● at AC-15 at 230 V typical		100 000
Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical		10 000 000
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6 000
Thermal current	Α	10
Protection class IP		IP66/IP67
Equipment marking		

• acc. to DIN EN 61346-2		В
• acc. to DIN EN 81346-2		В
Active principle		mechanical
Repeat accuracy	mm	0.05
Explosion protection category for dust		none
Explosion protection category for gas		none
Minimum actuating force in activation direction	N	20
Operating current at AC-15		
• at 230 V Rated value	Α	6
• at 400 V Rated value	Α	4
Operating current		
• at DC-13 at 125 V Rated value	Α	0.55
• at DC-13 at 400 V Rated value	Α	0.1
Operating current		
• at DC-13		
— at 24 V Rated value	Α	3
Englande		
Enclosure: Design of the housing		block, narrow
Material of the enclosure		plastic
Coating of the enclosure		Other types
Design of the housing acc. to standard		Yes
Drive Head:		
Design of the operating mechanism		without
Design of the switching function		Positive opening with appropriate positive opening actuator head
Connections/ Terminals:		
Type of electrical connection		screw-type terminals
Type of connectable conductor cross-section		
• 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)
 finely stranded without core end processing 		1x (0.5 1.5 mm²), 2x (0.5 0.75 mm²)
for AWG conductors		
— solid		4 (00 40) 0 (00 40)
		1x (20 16), 2x (20 18)
— stranded		1x (20 16), 2x (20 18) 1x (20 16), 2x (20 18)
— stranded Mechanical data:		
Mechanical data:		1x (20 16), 2x (20 18)
Mechanical data: Cable entry type		1x (20 16), 2x (20 18)
Mechanical data: Cable entry type Communication/ Protocol: Design of the interface Ambient conditions:		1x (20 16), 2x (20 18) 1x (M20 x 1.5)
Mechanical data: Cable entry type Communication/ Protocol: Design of the interface		1x (20 16), 2x (20 18) 1x (M20 x 1.5)

during operation

°C -40 ... +85 °C -40 ... +90

durina	durina storage

Installation/ mounting/ dimensions:	
mounting position	any
Mounting type	screw fixing

Certificates/ approvals:

General Product Approval

Declaration of Conformity

other











Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)

http://www.siemens.com/industrymall

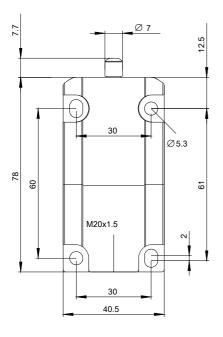
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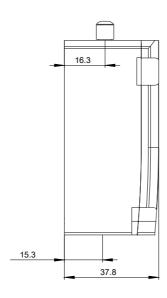
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE51320CA001AJ0

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

http://support.automation.siemens.com/WW/view/en/3SE51320CA001AJ0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE51320CA001AJ0&lang=en





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