Product data sheet



BASIC SWITCH W. INCREASED CORROSION PROTECTION FOR POSITION SWITCH METAL ENCLOSURE, TO EN50041 DEVICE CONNECTION 1X (M20X1.5) 1NO/2NC SLOW-ACTION CONTACTS W/O ACTUATOR HEAD

Manufacturer article number

• of the basic unit included in the scope of supply

3SE5112-0KA00-1CA0

General technical details:		
product designation		basic switch for standard position schwitches
Product feature		increased corrosion protection
Explosion protection category for dust		none
Insulation voltage		
rated value	٧	400
Degree of pollution		class 3
Thermal current	Α	6
Operating current		
• at AC-15		
• at 24 V / rated value	Α	6
• at 125 V / rated value	Α	6
• at 230 V / rated value	Α	1.5
• at DC-13		
• at 24 V / rated value	Α	3
• at 125 V / rated value	Α	0.55
• at 230 V / rated value	Α	0.27
Continuous current		

• of the slow DIAZED trase link A 6 • of the quick DIAZED trase link A 10 • of the C characteristic circuit breaker F 1 • Mechanical operating cycles as operating time • typical 15,000,000 • with constanct of RRH11, SRT1016, SRT1017, SRT1024, SRT1025, SRT1026 itypical 10,000,000 • AX −15 / at 230 V / typical 100,000 Electrical operating cycles in one hour 100,000 • with constant SRH11, SRT1018, 3RT1017, SRT1024, SRT1025, SRT1026 8.000 Repeat accuracy mm 0.05 Design of the contact element mm 0.05 Number of NC contacts yellow contacts 2 • for auxiliary contacts 2 Positive opening with appropriate positive opening actuator head Number of NC contacts 1 Stream of the series of the switching function 1 Stream of the series opening with appropriate positive opening actuator head Number of NC contacts 1 Stream of the series opening series			
** of the C characteristic circuit breaker* **Mechanical operating cycles as operating time **typical **Lectrical operating cycles as operating time **with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical **I AC-16 / at 23 V / typical **I AC-16 / at 25 V / typical **I AC-16 / at 2	of the slow DIAZED fuse link	Α	6
Mechanical operating cycles as operating time	of the quick DIAZED fuse link	Α	10
Special Spec	of the C characteristic circuit breaker	Α	1
Electrical operating cycles as operating time with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 10,000,000 at AC-15 / at 230 V / typical 100,000 with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 100,000 with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1025 6,000 Repeat accuracy	Mechanical operating cycles as operating time		
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ART1026 mm 0.05 Design of the contact element convacion contacts Number of NC contacts 2 for auxiliary contacts Positive opening with appropriate positive opening actuator head Number of NC contacts Positive opening with appropriate positive opening actuator head Number of NC contacts 1 for auxiliary contacts 1 Resistance against vibration 309 / 11 ms Resistance against shock 309 / 11 ms Ambient temperature 2 25 +85 during operating °C 25 +85 during operating °C 40 +90 Product specification EN 50041 for dimensions EN 50041 Width of the sensor metal Material end in dimensions Coli the enclosure metal Design of the operating mechanism N 20 Actuating speed mm/s / m/s 20 Minimum actuating force / in activation direction N 20 Protection class IP Protection class IP Protection class IP	Electrical operating cycles in one hour		
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Number of NC contacts	Repeat accuracy	mm	0.05
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Width of the sensor mm 40 Material of the enclosure metal Design of the operating mechanism without Actuating speed mm/s / m/s 0.4 2.5 Minimum actuating force / in activation direction N 20 Protection class IP IP66/IP67 mounting position any Cable gland version 1x (M20 x 1.5) Design of the electrical connection screw-type terminals Item designation screw-type terminals	Product specification		
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Design of the electrical connection screw-type terminals Item designation • according to DIN 40719 extendable after IEC 204-2 S	mounting position		any
Item designation • according to DIN 40719 extendable after IEC 204-2 S	Cable gland version		1x (M20 x 1.5)
• according to DIN 40719 extendable after IEC 204-2	Design of the electrical connection		screw-type terminals
	Item designation		
according to DIN EN 61346-2 B	according to DIN 40719 extendable after IEC 204-2		S
	according to DIN EN 61346-2		В

Certificates/approvals:

General Product Approval

Functional Safety / Safety of Machinery Declaration of Conformity













Test Certificates

other

Special Test Certificate Confirmation

Further information:

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

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

Industry Mall (Online ordering system)

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

CAx-Online-Generator

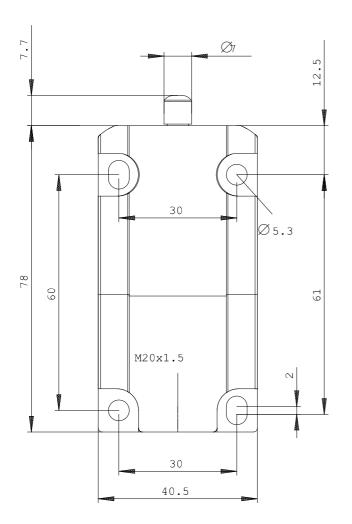
http://www.siemens.com/cax

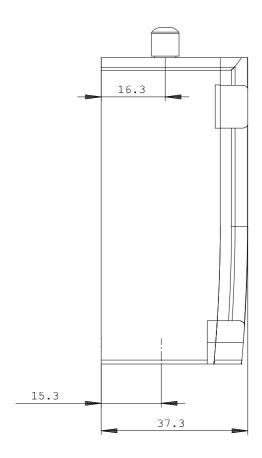
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SE5112-0KA00-1CA0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5112-0KA00-1CA0





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