

BASIC SWITCH FOR POSITION SWITCH 3SE5112, ATEX METAL ENCLOSURE 40MM WIDE TO EN50041 DEVICE CONNECTION 1X (M20X1.5) 1NO/ 1NC SLOW-ACTION CONTACTS W/O ACTUATOR HEAD

Manufacturer article number

• of the basic unit included in the scope of supply

3SE5112-0BA00-1DA0

General technical details:		
product designation		basic switch for standard position schwitches
Product feature		ATEX Zone 21/22
Explosion protection category for dust		none
Insulation voltage		
• rated value	V	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	3
• at DC-13		
• at 24 V / rated value	Α	3
• at 125 V / rated value	Α	0.55
• at 230 V / rated value	A	0.27
Continuous current		

• of the slow DIAZED trase link A 6 • of the quick DIAZED trase link A 10 • of the C charactristic circuit breaker I 1 • typical IS,000,000 IS,000,000 Electrical operating cycles as operating time • typical IS,000,000 • vish consector 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 itypical • 10,000,000 • call to a typical or vish constant 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1028, 3RT1028, 3RT1028 itypical or vish constant 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1028, 3RT1028, 3RT1028 • 6,000 Repeat accuracy mm 0.5 Beapend accuracy mm 0.5 Repeat accuracy mm 0.5 Positive opening with appropriate positive opening actuator head 1 Positive opening with appropriate positive opening actuator head 1 Number of NC contacts 1 Positive opening with appropriate positive opening actuator head Number of NC contacts 1 Positive opening with appropriate positive opening actuator head Number of NC contacts 1 Positive opening with appropriate positive opening actuator head Resistance against vibration 2 3.5 m			
** 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	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 electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 100,000 Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1025 6,000 Repeat accuracy	Mechanical operating cycles as operating time		
• with contactor 3RH11, SRT1016, 3RT1017, 3RT1024, 3RT1025, SRT1026 / typical 10,000,000 • at AC-15 / at 230 V / typical 100,000 Electrical operating cycles in one hour 6,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, SRT1024, 3RT1025 6,000 Repeat accuracy mm 0.05 Design of the contact element mm 0.05 Number of NC contacts 1 1 • for auxiliary contacts 1 1 Number of NO contacts 1 2 • for auxiliary contacts 1 305 mm / 5g Resistance against vibration 5 309 / 11 ms Resistance against vibration 5 25 +85 • during operating °C -25 +85 • during operating °C -25 +85 • during storage mm 40 Product specification mm 40 • for the enclosure mm 40 Used in the operating mechanism mm 40 Actuating speed mm/s / m/s 4 25 Minimum actuating	• typical		15,000,000
ART1028 / typical Electrical operating cycles in one hour *with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 Repeat accuracy Design of the contact element Number of NC contacts *for auxiliary contact	Electrical operating cycles as operating time		
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ART1026 Mm 0.05 Design of the contact element contacts slow-action contacts • for auxiliary contacts 1 Design of the switching function Positive opening with appropriate positive opening actuator head Number of NC contacts 1 • for auxiliary contacts 1 Resistance against vibration 305 mm / 5g Resistance against vibration 2 305 mm / 5g Resistance against shock 4 309 / 11 ms Ambient temperature 2 25 +85 4 • during operating °C 25 +85 4 • folding storage mm 40 40 +90 Width of the sensor mm 40 40 +90 Width of the enclosure metal 40 +90 Design of the operating mechanism metal 40 +90	Electrical operating cycles in one hour		
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Number of NC contacts	Repeat accuracy	mm	0.05
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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

For use in hazardous locations

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

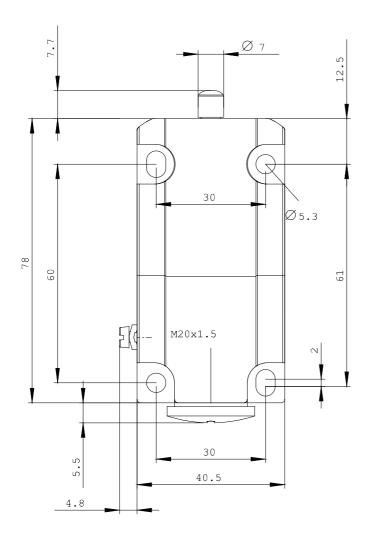
http://www.siemens.com/cax

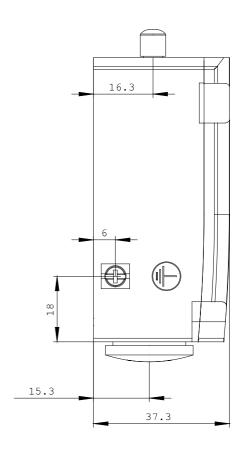
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SE5112-0BA00-1DA0/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5112-0BA00-1DA0





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