SIEMENS

Product data sheet 3SE5112-0CH51



SIRIUS POSITION SWITCH METAL ENCLOSURE 40MM TO EN50041 DEVICE CONNECTION 1X (M20X1.5) 1NO/ 1NC SNAP-ACTION CONTACTS ROT. ACTUATOR RIGHT/LEFT ADJ.,

W. LENGTH ADJ. METAL LEVER 100MM LONG AND STAINL. STEEL ROLLER 19MM

Manufacturer article number

- of the basic unit included in the scope of supply
- of the actuator head for position switches included in the scope of supply
- of the operating lever included in the scope of supply

3SE5112-0CA00

3SE5000-0AH00

3SE5000-0AA51

General technical details:			
product designation		standard position switch	
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	6	
• at 400 V / rated value	Α	4	
• 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	

An about viriated value			
• of the gluck DIAZED fuse link A 10 • of the gluck DIAZED fuse link A 10 • of the Carbaraceristic circuit breaker A 1 • Abechanical operating cycles as operating time 15,000,000 • hypical 15,000,000 Electrical operating cycles as operating time 10,000,000 • with contactor SRH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028, 3RT1026 / 1/y a 230 V / typical 100,000 Electrical operating cycles in one hour 6,000 • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1028, 3RT1028 6,000 Repeat accuracy mm 0,5 Number of NC contacts 1 6,000 • for auxiliary contacts 1 1 • for auxiliary contacts 1 1 • for auxiliary contacts 1 1 Resistance against shock 2 30g / 11 ms Resistance against shock 30g / 11 ms 1 • for during storage *C 25 . 85 6 • for infimensions EN 50041 1 • for the housing metal 1 <	• at 400 V / rated value	Α	0.1
. of the Quick DIAZED fuse link . of the C characteristic circuit breaker Mechanical operating cycles as operating time . typical Electrical operating cycles as operating time . with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / lypical . at AC-15 / at 230 V / lypic	Continuous current		
A 1	of the slow DIAZED fuse link	Α	6
Mechanical operating cycles as operating time	of the quick DIAZED fuse link	Α	10
Position	of the C characteristic circuit breaker	Α	1
Electrical operating cycles as operating time	Mechanical operating cycles as operating time		
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ART1026 mm 0.05 Design of the contact element mm 0.05 Number of NC contacts	Electrical operating cycles in one hour		
Design of the contact element snap-action contacts Number of NC contacts			6,000
Number of NC contacts	Repeat accuracy	mm	0.05
Number of NO contacts 1 * for auxiliary contacts 1 Resistance against vibration 0.35 mm / 5g Resistance against shock 30g / 11 ms Ambient temperature **C -25 85 * during operating **C -40 90 Product specification EN 50041 * for dimensions mm 40 Width of the sensor mm 40 material metal * of the housing metal Material / of the housing / of the switch head metal Design of the operating mechanism metal lever, adjustable length, stainless steel roller 19 mm Actuating speed mm//s / m/s 0.1 1.5 Protection class IP IP66/IP67 Built in orientation any Cable gland version 1x (M20 x 1.5) Design of the electrical connection 5crew-type terminals Item designation	Design of the contact element		snap-action contacts
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Design of the electrical connection screw-type terminals Item designation	Built in orientation		any
Item designation	Cable gland version		1x (M20 x 1.5)
	Design of the electrical connection		screw-type terminals
according to DIN 40719 extendable after IEC 204-2 S	Item designation		
	according to DIN 40719 extendable after IEC 204-2		S

Certificates/approvals:

General Product Approval

For use in hazardous locations

Functional Safety / Safety of Machinery

ROSTEST





 $\frac{\mathsf{DEKRA}\;\mathsf{EXAM,}}{\mathsf{DMT}}$

ΤÜV

cųc

Test Certificates other

Manufacturer other Manufacturer

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

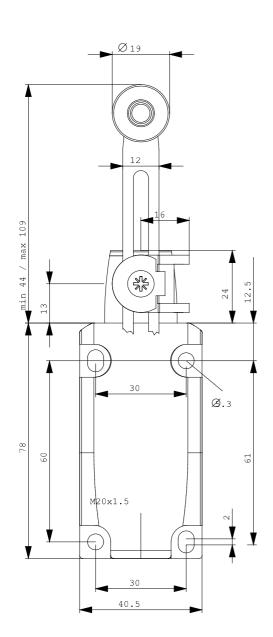
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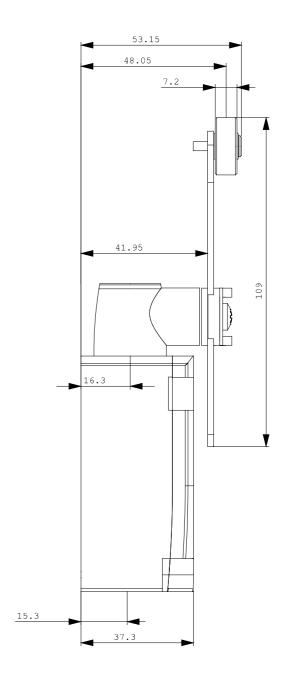
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

http://support.automation.siemens.com/WW/view/en/3SE5112-0CH51/all

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5112-0CH51







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