

BASIC SWITCH FOR POSITION SWITCH 3SE5112, METAL ENCLOSURE, TO EN50041, 40 MM; 1X(M20X1.5) 1NO/2NC SLOW-ACTION CONTACTS WITH OVERLAP W/O ACTUATOR HEAD



Product designation	basic switch for standard position switches
Manufacturer's article number	
• of the supplied basic switch	3SE5112-0MA00
• of the supplied switching contacts	3SE5000-0MA00
• of the supplied empty enclosure with cover	3SE5112-0AA00
General technical data	
Product function	
• positive opening	Yes
Insulation voltage	
• rated value	250 V
Degree of pollution	class 3
Surge voltage resistance rated value	4 kV
Protection class IP	IP66/IP67
Shock resistance	
• acc. to IEC 60068-2-27	30 g / 11 ms
Vibration resistance	
• acc. to IEC 60068-2-6	0.35 mm/5g
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	6 A
Equipment marking	
• acc. to DIN EN 61346-2	B
• acc. to DIN EN 81346-2	B
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
Minimum actuating force in activation direction	20 N
Operating current at AC-15	
• at 24 V rated value	6 A
• at 125 V rated value	6 A
• at 230 V rated value	1.5 A
Operating current at DC-13	
• at 24 V rated value	3 A
• at 125 V rated value	0.55 A
• at 230 V rated value	0.27 A

Enclosure

Design of the housing	block, narrow
Material of the enclosure	metal
Coating of the enclosure	cathodic immersion coating
Design of the housing acc. to standard	Yes

Drive Head

Design of the operating mechanism	Other, without, basic switch
Design of the switching function	Positive opening with appropriate positive opening actuator head

Connections/Terminals

Type of electrical connection	screw-type terminals
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Mechanical data

Cable entry type	1x (M20 x 1.5)
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Communication/ Protocol

Design of the interface	without
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Ambient conditions

Ambient temperature	
• during operation	-25 ... +85 °C
• during storage	-40 ... +90 °C

Installation/ mounting/ dimensions

Mounting position	any
Mounting type	screw fixing

Certificates/approvals

General Product Approval		Functional Safety/Safety of Machinery	Declaration of Conformity
 CCC	 CSA	 UL	 EAC
		Baumusterprüfbescheinigung	 EG-Konf.

Test Certificates	other
spezielle Prüfbescheinigungen	Bestätigungen

Further information

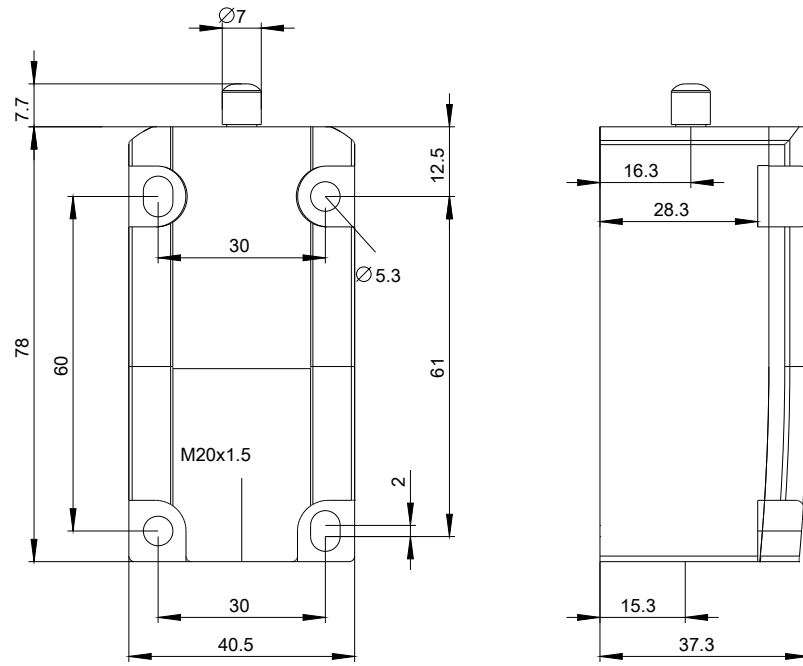
Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5112-0MA00>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5112-0MA00>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3SE5112-0MA00>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5112-0MA00&lang=en



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