



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

Product designation	basic switch for standard position switches
Manufacturer article number	
• of the supplied basic switch • of the supplied switching contacts • of the supplied empty enclosure with cover	3SE5112-0PA00 3SE5000-0PA00 3SE5112-0AA00

General technical data:

Product function	
• positive opening	Yes
Insulation voltage	
• Rated value	250 V
Degree of pollution	class 3
Vibration resistance	
• acc. to IEC 60068-2-6	0.35 mm/5g
Surge voltage resistance Rated value	4 kV
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
Protection class IP	IP66/IP67

Equipment marking	
• acc. to DIN EN 61346-2	B
• acc. to DIN EN 81346-2	B
Active principle	mechanical
Repeat accuracy	0.05 mm
Explosion protection category for dust	none
Explosion protection category for gas	none
Minimum actuating force in activation direction	20 N
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	without
Design of the switching function	Positive opening with appropriate positive opening actuator head
Connections/ Terminals:	
Type of electrical connection	screw-type terminals
Mechanical data:	
Cable entry type	1x (M20 x 1.5)
Communication/ Protocol:	
Design of the interface	without
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	Test Certificates
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[Type Examination Certificate](#)



EG-Konf.

[Special Test Certificate](#)

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>

Cax online generator

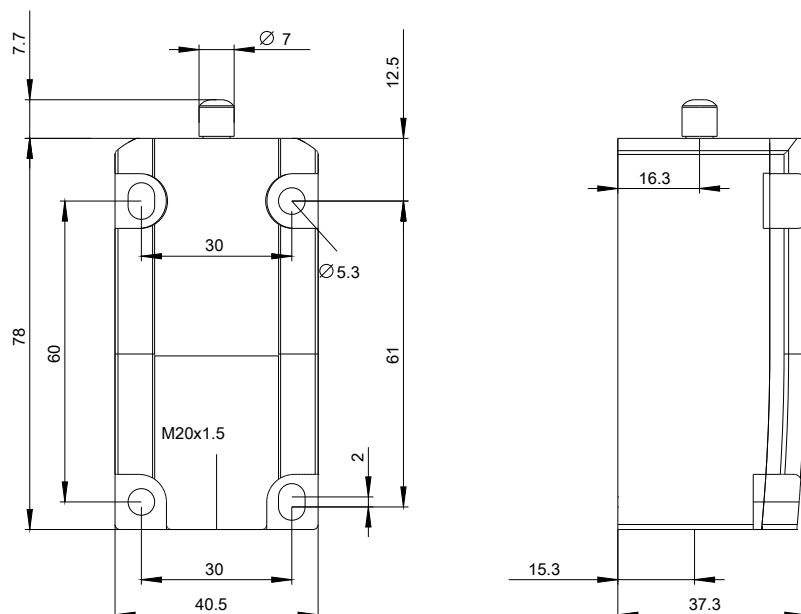
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE51120PA00>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE51120PA00>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE51120PA00&lang=en



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