

SIRIUS POSITION SWITCH METAL ENCLOSURE 40MM ACC. TO EN50041 DEVICE CONNECTION 1X (M20X1.5) 1NO/1NC SNAP-ACTION CONTACTS ANGULAR METAL ROLLER,METAL LEVER AND PLASTIC ROLLER 22MM



Figure similar

Product designation	standard position switch
Manufacturer's article number	
• of the supplied basic switch	3SE5112-0CA00
• of the supplied actuator head for position switches	3SE5000-0AF01
• of the supplied switching contacts	3SE5000-0CA00
• of the supplied empty enclosure with cover	3SE5112-0AA00

General technical data	
Product function	
• positive opening	Yes
Insulation voltage	
• rated value	400 V
Degree of pollution	class 3
Surge voltage resistance rated value	6 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	10 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	6 A
• at 400 V rated value	4 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
• at 400 V rated value	0.1 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	Angular roller lever, metal lever, plastic roller
Standard-compliant actuator head	EN 50041
Shape of the switch head	roller
Design of the switching function	positive opening

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
 CCC	 CSA	 UL
 EAC		Baumusterprüfbescheinigung  EG-Konf.
Test Certificates	other	
spezielle Prüfbescheinigungen	Bestätigungen	
n		
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=3SE5112-0CF01		
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5112-0CF01		
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SE5112-0CF01		
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5112-0CF01&lang=en		

