



SIRIUS POSITION SWITCH WITH PLASTIC ENCLOSURE CABINET TYPE WITHOUT HOLDING PLATE, EN50047, 1X(M20X1.5); 1NO/1NC SNAP-ACTION CONTACTS INTEGRATED (NOT EXCHANGEABLE) ROUNDED PLUNGER, DEGREE OF PROTECTION IP40, WITH SELF-SEAL.GROMMET,ENCLOS.BLACK, FLAT COVER IN TURQUOISE, WITHOUT LOCKING PLATE, WITHOUT GASKET, WITHOUT SCREWS, WITHOUT CABLE

Figure similar

Product designation	standard position switch
Manufacturer article number	
<ul style="list-style-type: none"> of the supplied basic switch 	3SE5232-0HC05-1AB1
General technical data:	
Product function	
<ul style="list-style-type: none"> positive opening 	Yes
Insulation voltage	
<ul style="list-style-type: none"> rated value 	400 V
Surge voltage resistance rated value	6 kV
Protection class IP	IP40
Degree of pollution	class 3
Shock resistance	
<ul style="list-style-type: none"> acc. to IEC 60068-2-27 	30 g / 11 ms
Vibration resistance	
<ul style="list-style-type: none"> acc. to IEC 60068-2-6 	0.35 mm/5g
Mechanical service life (switching cycles)	
<ul style="list-style-type: none"> typical 	15 000 000
Electrical endurance (switching cycles)	
<ul style="list-style-type: none"> 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
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	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	plastic
Coating of the enclosure	Other types
Design of the housing acc. to standard	Yes

Drive Head:

Design of the operating mechanism	teflon plunger
Standard-compliant actuator head	EN 50047, design B
Shape of the switch head	rounded
Design of the switching function	positive opening, integrated

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	 UL	 EG-Konf.
 CSA		Baumusterprüfbescheinigung

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=3SE52320HC051AB1>

Cax online generator

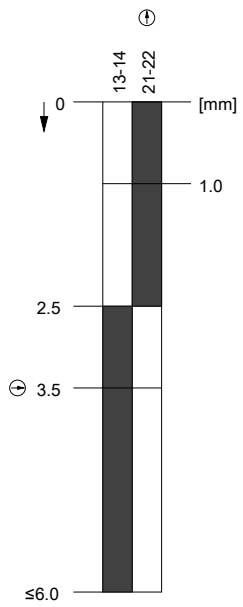
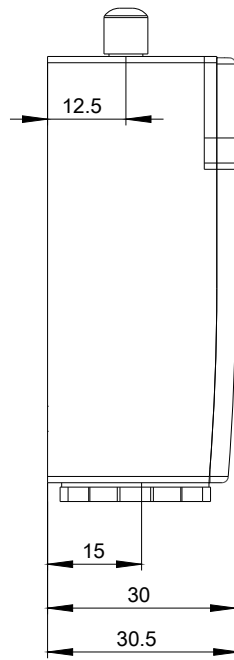
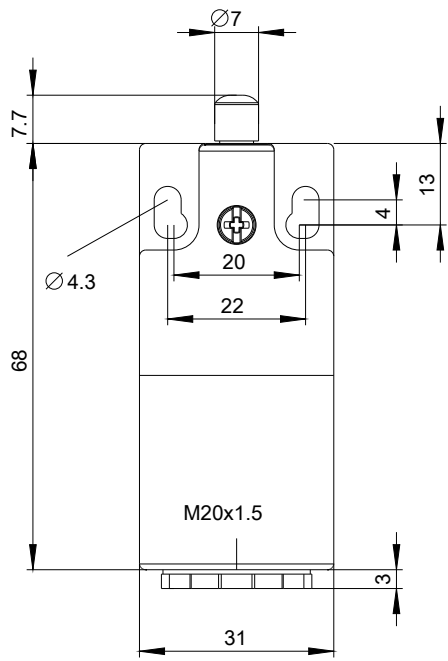
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE52320HC051AB1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE52320HC051AB1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE52320HC051AB1&lang=en



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