

SIRIUS POSITION SWITCH; PLASTIC ENCLOSURE ACC. TO EN 50047; 31MM SUITABLE FOR MINUS 40 DEGREES, DEVICE CONNECTION 1X(M20X1.5); 1NO/1NC QUICK-ACTION CONTACTS INTEGRATED (NOT REPLACEABLE) SPRING ROD

Product designation		standard position switch
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General technical data:

Product function		No
<ul style="list-style-type: none"> • positive opening 		
Insulation voltage		
<ul style="list-style-type: none"> • Rated value 	V	400
Degree of pollution		class 3
Surge voltage resistance Rated value	kV	6
Mechanical service life (switching cycles)		
<ul style="list-style-type: none"> • typical 		10 000 000
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	A	6
Material of the enclosure of the switch head		plastic
Protection class IP		IP65
Equipment marking		
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 		B B
Active principle		mechanical
Repeat accuracy	mm	0.05
Explosion protection category for dust		none
Explosion protection category for gas		none
Minimum actuating torque in activation direction	N·m	0.25
Operating current at AC-15		
<ul style="list-style-type: none"> • at 230 V Rated value • at 400 V Rated value 	A A	6 4
Operating current		
<ul style="list-style-type: none"> • at DC-13 at 125 V Rated value 	A	0.55

<ul style="list-style-type: none"> • at DC-13 at 400 V Rated value 	A	0.1
Operating current		
<ul style="list-style-type: none"> • at DC-13 — at 24 V Rated value 	A	3

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		total length = 142.5 mm (spring 50 mm, plastic plunger 50 mm)
Standard-compliant actuator head		EN 50047

Connections/ Terminals:

Type of electrical connection		screw-type terminals
Type of connectable conductor cross-section		
<ul style="list-style-type: none"> • solid 		1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
<ul style="list-style-type: none"> • finely stranded with core end processing 		1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
<ul style="list-style-type: none"> • finely stranded without core end processing 		1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
<ul style="list-style-type: none"> • for AWG conductors 		
<ul style="list-style-type: none"> — solid 		1x (20 ... 16), 2x (20 ... 18)
<ul style="list-style-type: none"> — stranded 		1x (20 ... 16), 2x (20 ... 18)

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		
<ul style="list-style-type: none"> • during operation 	°C	-40 ... +85
<ul style="list-style-type: none"> • during storage 	°C	-40 ... +90

Installation/ mounting/ dimensions:

mounting position		any
Mounting type		screw fixing

Certificates/ approvals:



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

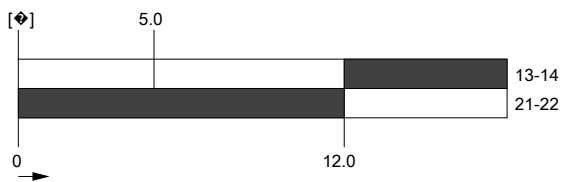
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SE52320HR011AY0>

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

<http://support.automation.siemens.com/WW/view/en/3SE52320HR011AY0/all>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SE52320HR011AY0&lang=en



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