



SIRIUS POSITION SWITCH; METAL ENCLOSURE ACC. TO EN50047, 31MM DEVICE CONNECTION 1X(M20X1.5); 1NO/2NC SLOW-ACTION CONTACTS WITH M12 PLUG,5-POLE 2NC CONNECTED PIN ASSIGNMENT: PIN1=21, PIN2 =22, PIN3=31, PIN4=32,PIN5=PE MAX.250V AND 4A, WITH PLUNGER

Product designation		standard position switch
Manufacturer article number		
<ul style="list-style-type: none"> • of the supplied basic switch • of the supplied switching contacts 		3SE5214-0KC05-1AE1 3SE5000-0KA00

General technical data:

Product function		
<ul style="list-style-type: none"> • positive opening 		Yes
Insulation voltage		
<ul style="list-style-type: none"> • Rated value 	V	125
Degree of pollution		class 3
Shock resistance		30g / 11 ms
Vibration resistance		0.35 mm / 5g
Surge voltage resistance Rated value	kV	1.5
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 operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6 000
Thermal current	A	4
Material of the enclosure of the switch head		plastic
Protection class IP		IP66/IP67
Equipment marking		
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 		B

• acc. to DIN EN 81346-2		B
Active principle		mechanical
Repeat accuracy	mm	0.05
Explosion protection category for dust		none
Explosion protection category for gas		none
Minimum actuating force in activation direction	N	20
Operating current at AC-15		
• at 230 V Rated value	A	1.5
Operating current		
• at DC-13 at 125 V Rated value	A	0.55
Operating current		
• at DC-13		
— at 24 V Rated value	A	3

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

Connections/ Terminals:		
Type of electrical connection		M12 plug, fixed

Mechanical data:		
Cable entry type		1x (M20 x 1.5)
Design of plug-in connection		M12 connector, 5-pole: pin 1= terminal 21, pin 2= 22, pin 3= 31, pin 4= 32, pin 5= PE

Communication/ Protocol:		
Design of the interface		without

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

Installation/ mounting/ dimensions:		
mounting position		any
Mounting type		screw fixing

Certificates/ approvals:		
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General Product Approval	Declaration of Conformity	Test Certificates
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[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

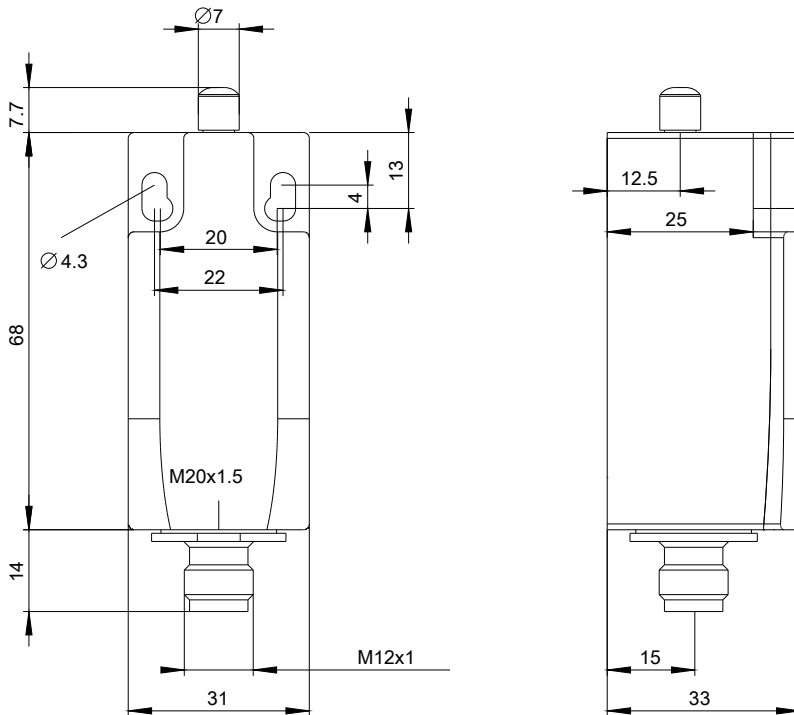
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE52140KC051AE1>

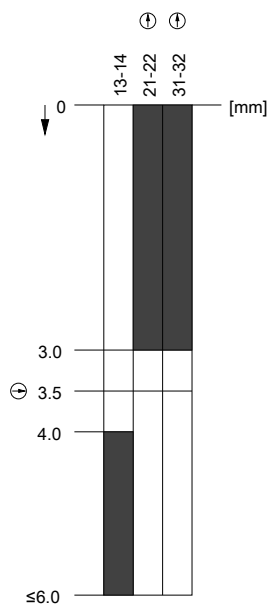
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE52140KC051AE1/all>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE52140KC051AE1&lang=en





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