

SIRIUS POSITION SWITCH PLASTIC ENCLOSURE ACC. TO EN50047, 50MM DEVICE CONNECTION 2X(M20X1.5); 1NO/1NC SNAP-ACTION CONTACTS WITH SPRING ROD 76MM LONG GREEN LED 24 V, USER VERSION VISIBLE FROM ALL ANGLES, M12 CONNECTOR 4PIN W/O PIPE CLAMPS



Figure similar

Product designation	standard position switch
Manufacturer's article number	
• of the supplied basic switch	3SE5232-0HC05
• of the supplied actuator head for position switches	3SE5000-0AR03

General technical data	
Product function	
• positive opening	No
Insulation voltage	
• rated value	250 V
Degree of pollution	class 3
Surge voltage resistance rated value	0.8 kV
Protection class IP	IP65/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	10 000 000
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	4 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	4 A; for a short-circuit current smaller than 400 A
Continuous current of the DIAZED fuse link gG	4 A
Active principle	mechanical
Repeat accuracy	0.05 mm
Minimum actuating torque in activation direction	0.25 N·m
Operating current at AC-15	
• at 24 V rated value	4 A
Operating current at DC-13	
• at 24 V rated value	3 A

Enclosure

Design of the housing	block, wide
Material of the enclosure	plastic
Coating of the enclosure	Other types
Design of the housing acc. to standard	No
Material of cable sheath	PVC

Drive Head

Design of the operating mechanism	Spring rod, length = 77 mm (spring 23.5 mm + plastic plunger 10 mm)
Standard-compliant actuator head	EN 50047

Connections/Terminals

Type of electrical connection	screw-type terminals
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Mechanical data

Cable entry type	cable with M12 connector
Design of plug-in connection	cable with M12 connector, 4-pole: pin 1= terminal 21, pin 2= LED/+ , pin 3= LED/- , pin 4= 22

Communication/ Protocol

Design of the interface	without
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Ambient conditions

Ambient temperature	
• during operation	-25 ... +60 °C
• during storage	-40 ... +90 °C

Supply voltage

Type of voltage of the supply voltage	
• of the optional LED indicator	DC
Supply voltage	
• of LED	24 V

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	
			Type Examination Certificate
			
			EG-Konf.

Test Certificates	other
Special Test Certificate	Confirmation

Further information

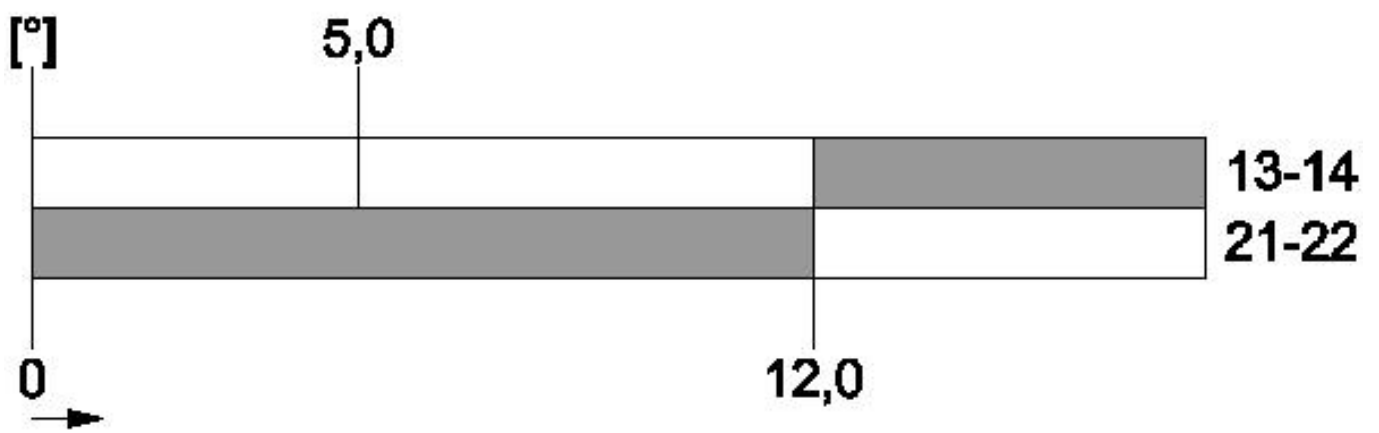
Information- and Downloadcenter (Catalogs, Brochures,...)
<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5242-0HR03-1AL4>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5242-0HR03-1AL4>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/3SE5242-0HR03-1AL4>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5242-0HR03-1AL4&lang=en



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