

Position switch Plastic enclosure according to EN 50047, 31 mm
Device connection 1 x(M20 x 1.5), 1 NO/1 NC quick action contacts
integrated (not replaceable) Rod lever, Aluminum rod 200 mm



product brand name	SIRIUS
Product designation	Mechanical position switches
Product type designation	3SE5
Manufacturer's article number	
• of the supplied basic switch	3SE5232-0HC05
• of the supplied actuator head for position switches	3SE5000-0AK00
• of the supplied operating lever	3SE5000-0AA80
Suitability for use safety switch	No

General technical data

Product function	
• positive opening	No
• Insulation voltage rated value	400 V
Degree of pollution	class 3
Surge voltage resistance rated value	6 kV
• Protection class IP	IP65
Shock resistance	
• acc. to IEC 60068-2-27	30g / 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	10 A
Material of the enclosure of the switch head	plastic
Reference code 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 torque in activation direction	0.25 N·m
Length of the sensor	271 mm
Width of the sensor	31 mm
design of the switching contact	mechanical
Operating frequency rated value	50 ... 60 Hz
Number of NC contacts for auxiliary contacts	1
Number of NO contacts for auxiliary contacts	1
Operating current at AC-15	
• at 24 V rated value	6 A
• at 120 V rated value	6 A
• at 240 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 250 V rated value	0.27 A
• at 400 V rated value	0.12 A
Design of the interface for safety-related communication	without
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	Rod lever, aluminum rod, length 200 mm
Standard-compliant actuator head	EN 50047, design A
Circuit principle	snap-action contacts
Number of switching contacts safety-related	0

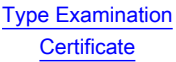
Connections/ Terminals	
• type of electrical connection	screw-type terminals
• type of connectable conductor cross-sections solid	1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)
• Type of connectable conductor cross-sections finely stranded with core end processing	1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²)
• Type of connectable conductor cross-sections at AWG conductors solid	1x (20 ... 16), 2x (20 ... 18)
• Type of connectable conductor cross-sections at AWG conductors stranded	1x (20 ... 16), 2x (20 ... 18)
Cable entry type	1x (M20 x 1.5)

Communication/ Protocol	
• design of the interface	without

Ambient conditions	
explosion protection category for dust	none

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

Certificates/ approvals		
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General Product Approval		Functional Safety/Safety of Machinery	Declaration of Conformity
			
CCC	CSA	UL	
			
			
			EG-Konf.

Declaration of Conformity	Test Certificates	other
Miscellaneous	Type Test Certificates/Test Report	Confirmation

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5232-0HK80>

Cax online generator

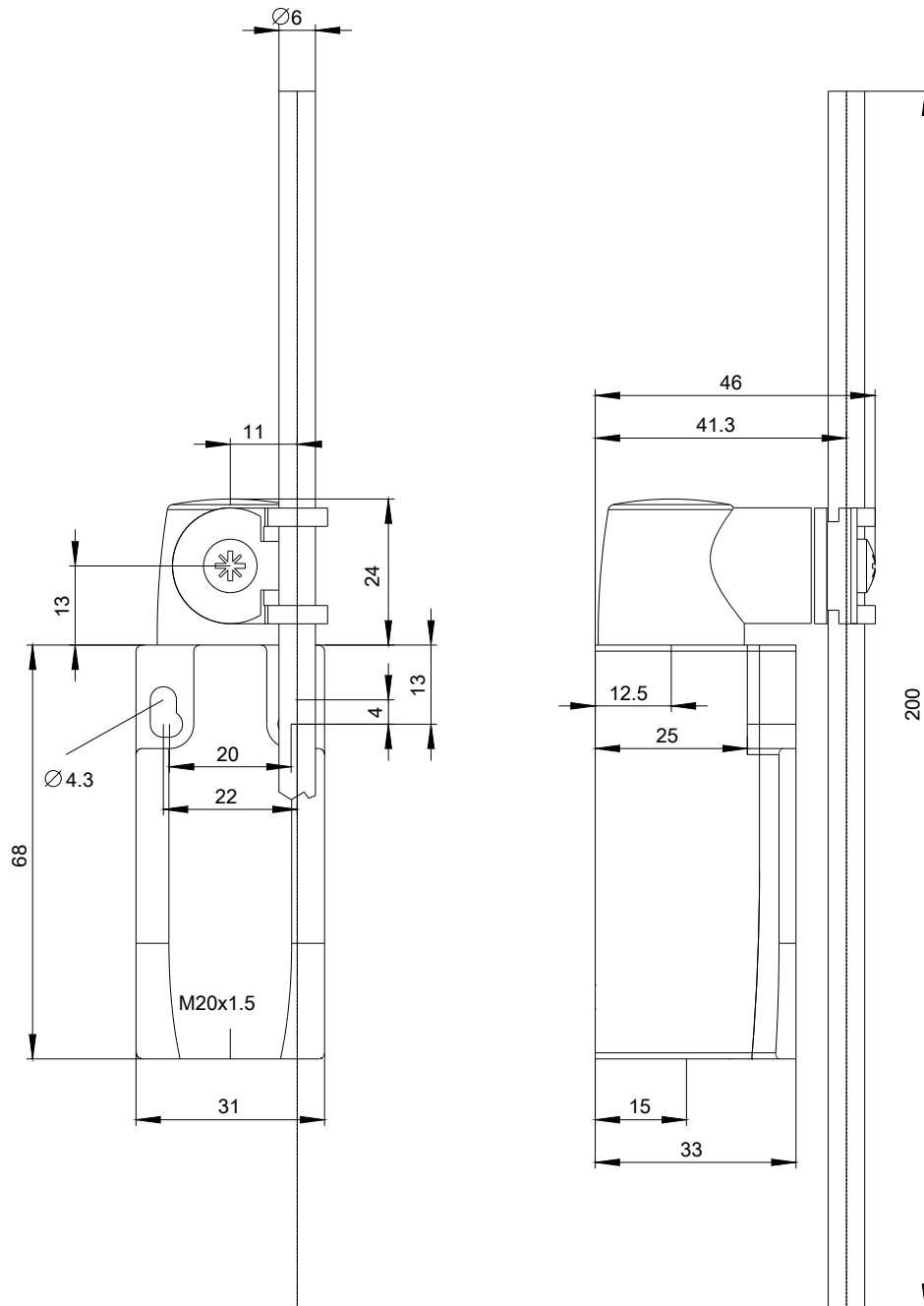
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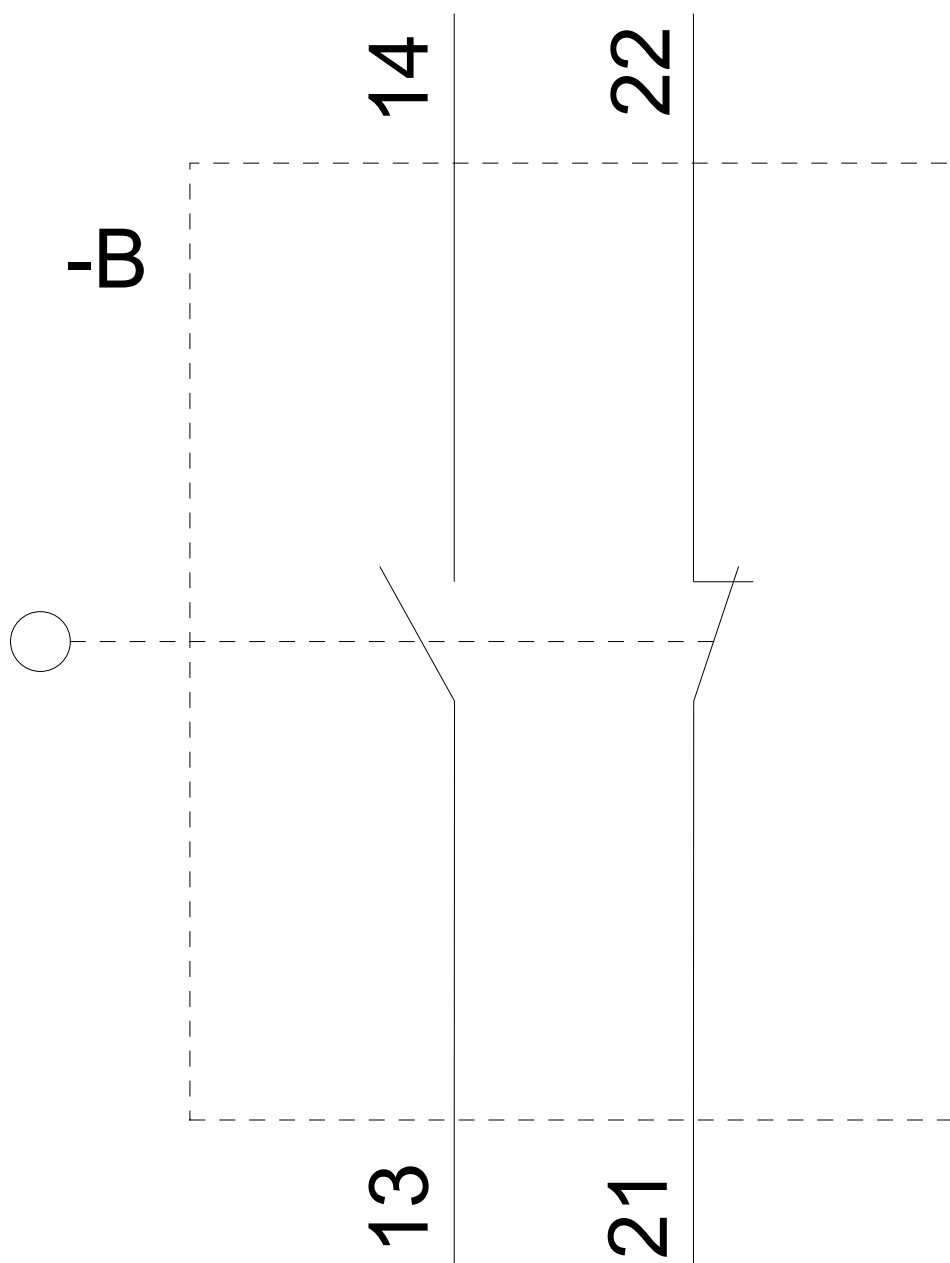
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

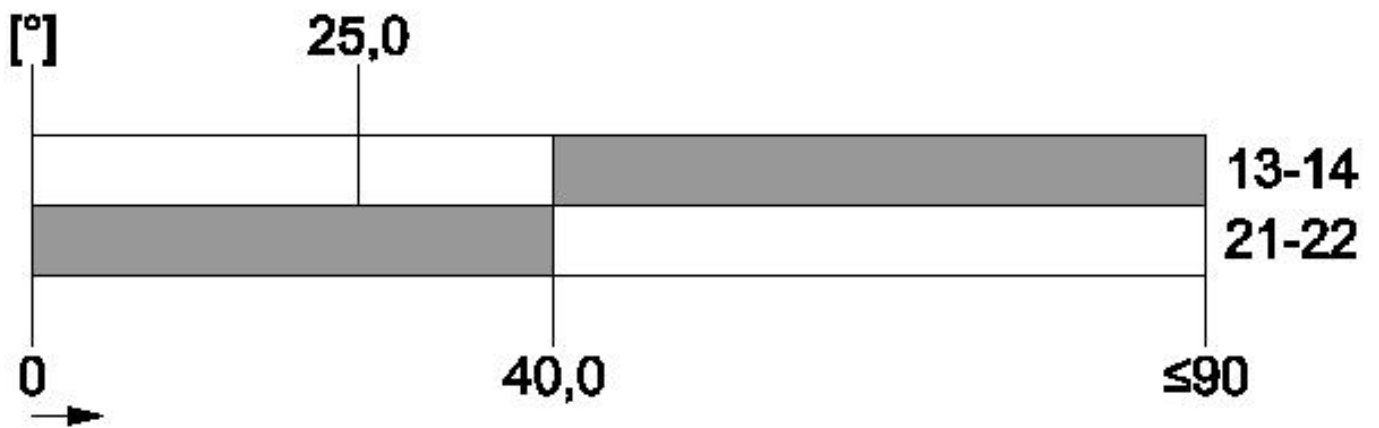
<https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0HK80>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0HK80&lang=en







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