

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) adjustable-length twist lever with positive
 fit (grid hole) right/left adjustable with plastic roller 19 mm



Product brand name	SIRIUS
Product designation	Mechanical position switches
Product type designation	3SE5
Manufacturer's article number	<ul style="list-style-type: none"> • of the supplied basic switch 3SE5232-0HC05 • of the supplied actuator head for position switches 3SE5000-0AK00 • of the supplied operating lever 3SE5000-0AA60
Suitability for use safety switch	Yes

General technical data	
Product function	Yes
<ul style="list-style-type: none"> • positive opening 	
Degree of pollution	class 3
Surge voltage resistance rated value	6 kV
Protection class IP	IP65
Shock resistance	30 g / 11 ms
<ul style="list-style-type: none"> • acc. to IEC 60068-2-27 	
Mechanical service life (switching cycles)	15 000 000
<ul style="list-style-type: none"> • typical 	

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	10 A
Material of the enclosure of the switch head	plastic
Reference code acc. to DIN EN 81346-2	B
Reference code acc. to DIN EN 61346-2	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	182 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
Number of CO contacts for auxiliary contacts	1
Operating current at AC-15	
<ul style="list-style-type: none"> at 24 V rated value 	6 A
<ul style="list-style-type: none"> at 240 V rated value 	6 A
<ul style="list-style-type: none"> at 400 V rated value 	4 A
Operating current at DC-13	
<ul style="list-style-type: none"> at 24 V rated value 	3 A
<ul style="list-style-type: none"> at 125 V rated value 	0.55 A
<ul style="list-style-type: none"> at 250 V rated value 	0.27 A
<ul style="list-style-type: none"> 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	Adjustable twist lever, adjustable-length metal lever with positive fit, 100 mm long, plastic roller 19 mm
Standard-compliant actuator head	EN 50047, design A
Shape of the switch head	roller
Design of the switching function	positive opening, integrated
Circuit principle	snap-action contacts
Number of switching contacts safety-related	1

Connections/ Terminals

Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • solid • finely stranded with core end processing • at AWG conductors solid • at AWG conductors stranded 	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²) 1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²) 1x (20 ... 16), 2x (20 ... 18) 1x (20 ... 16), 2x (20 ... 18)
Cable entry type	1x (M20 x 1.5)

Communication/ Protocol

Design of the interface	without
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Ambient conditions

Explosion protection category for dust	none
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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	 EAC
		Type Examination Certificate	 EG-Konf.
Declaration of Conformity	Test Certificates/Test Report	Confirmation	
Miscellaneous			

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)
www.siemens.com/sirius/catalogs

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SE5232-0HK60>

Cax online generator

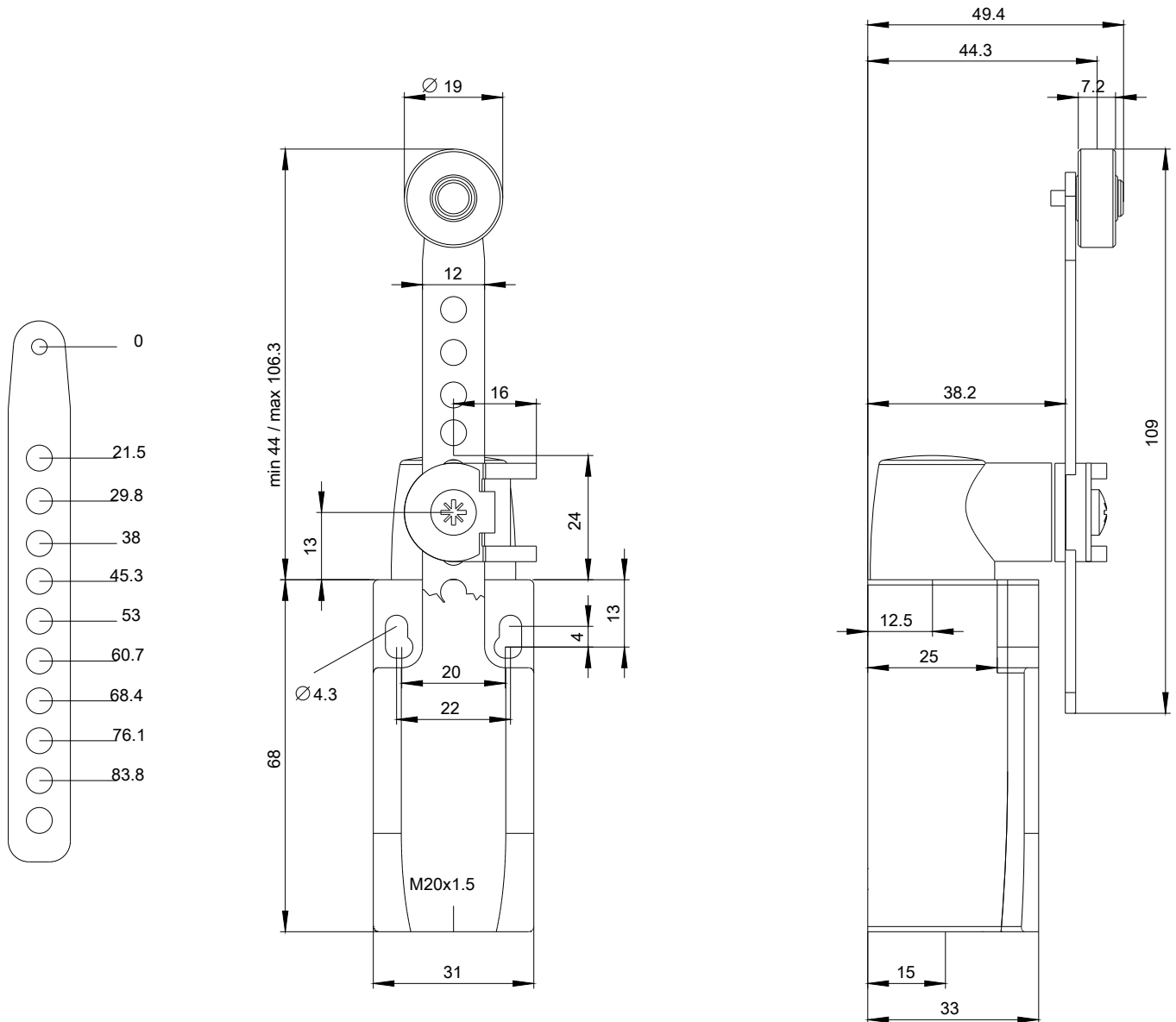
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0HK60>

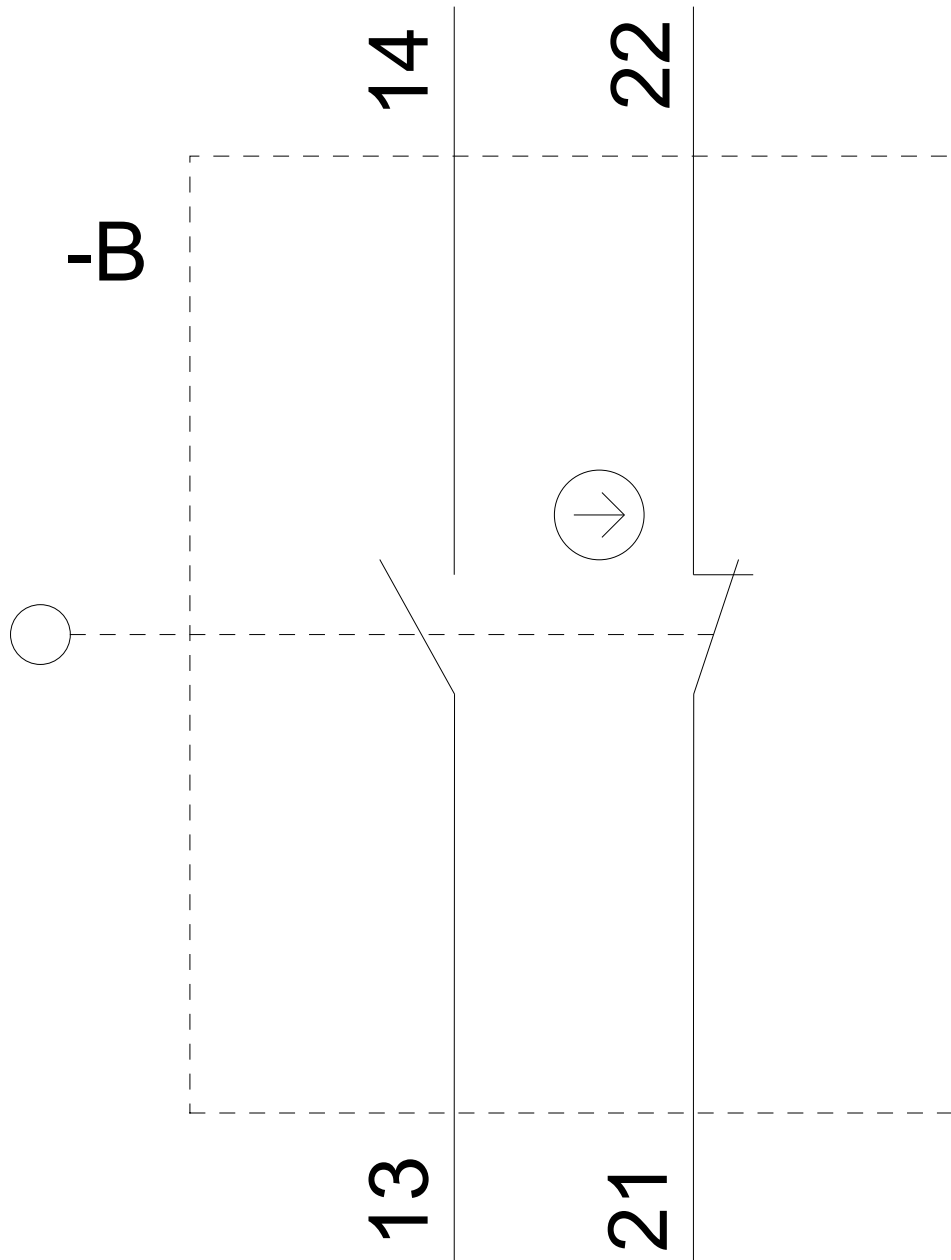
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

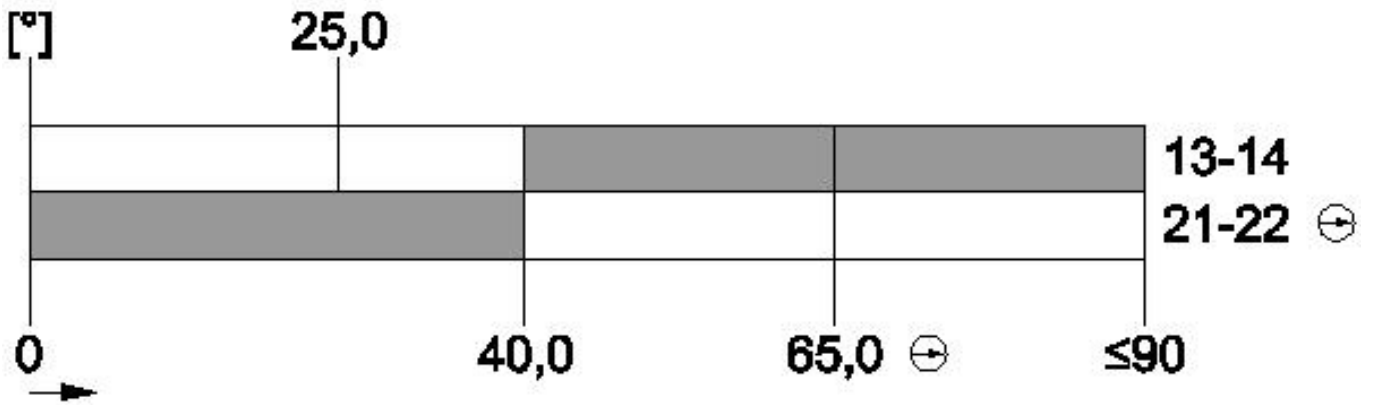
<https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0HK60>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0HK60&lang=en







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