



SIRIUS position switch Metal enclosure XL, 56 mm wide, with twist lever, adjustable length with grid hole, stainless steel lever, stainless steel roller 19 mm, Increased corrosion protection (ICP), connection 3xM20x1.5, gold-plated contacts: 2x(1 NO/1 NC) snap-action contacts, adapter 3SX5100-3B (with toothed lock washer) enclosed

Product brand name	SIRIUS
Product designation	Mechanical position switches
Product type designation	3SE5
Manufacturer's article number	• of the supplied actuator head for position switches 3SE5000-0AH00 • of the supplied operating lever 3SE5000-0AA63 • of the supplied switching contacts 1x 3SE5000-0CA00-1AC1, 1x 3SE5060-0CA00-1AC1 on request • of the supplied empty enclosure with cover 3SE5162-0AA00-1CA0, on request
accessories belonging to	Adapter 3SX5100-1A
Suitability for use safety switch	Yes

General technical data

Product function	
• positive opening	Yes
Insulation voltage	
• rated value	400 V
Degree of pollution	class 3
Surge voltage resistance rated value	6 kV
Protection class IP	IP66/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	5 000 000
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	5 000 000
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
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	0.3 N·m
Length of the sensor	214 mm
Width of the sensor	56 mm
Design of the switching contact	mechanical
Operating frequency rated value	50 ... 60 Hz
Number of NC contacts for auxiliary contacts	2
Number of NO contacts for auxiliary contacts	2
Operating current at AC-15	
• at 24 V rated value	6 A
• at 125 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, wide
Material of the enclosure	metal

Coating of the enclosure	cathodic immersion coating
Design of the housing acc. to standard	No
Drive Head	
Design of the operating mechanism	Adjustable twist lever, adjustable-length metal lever with latching, plastic roller 19 mm
Shape of the switch head	roller
Design of the switching function	positive opening
Circuit principle	snap-action contacts
Number of switching contacts safety-related	2
Connections/Terminals	
Type of electrical connection	screw-type terminals
Type of connectable conductor cross-sections	
• solid	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
• finely stranded with core end processing	1x (0.5 ... 1.5 mm ²), 2x (0.5 ... 0.75 mm ²)
• at AWG conductors solid	1x (20 ... 16), 2x (20 ... 18)
• at AWG conductors stranded	1x (20 ... 16), 2x (20 ... 18)
Cable entry type	3 x (M20 x 1.5)
Communication/ Protocol	
Design of the interface	without
Ambient conditions	
Ambient temperature	
• during operation	-25 ... +85 °C
• during storage	-40 ... +90 °C
Explosion protection category for dust	none
Installation/ mounting/ dimensions	
• (mounting position)	any
• (mounting type)	screw fixing
Certificates/approvals	

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
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[Type Examination Certificate](#)



Declaration of Conformity	Test Certificates	other
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[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[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=3SE5162-0CH63-1AN4>

Cax online generator

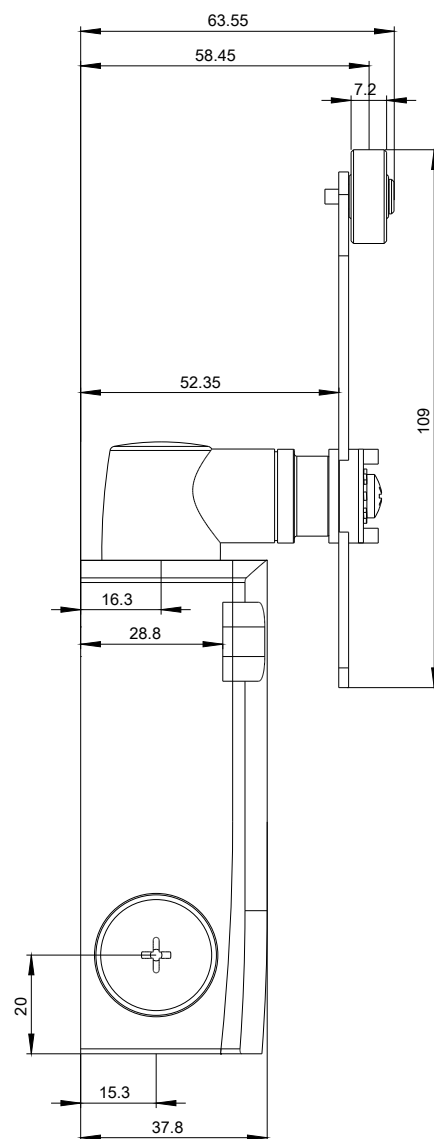
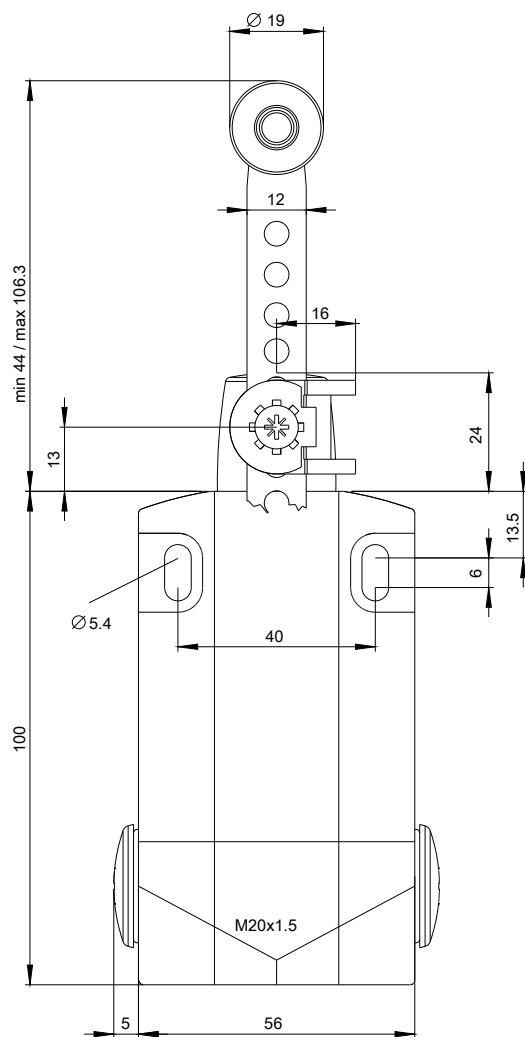
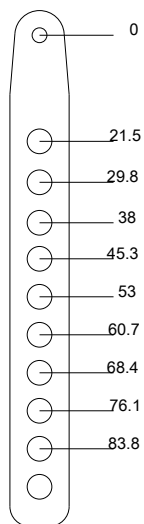
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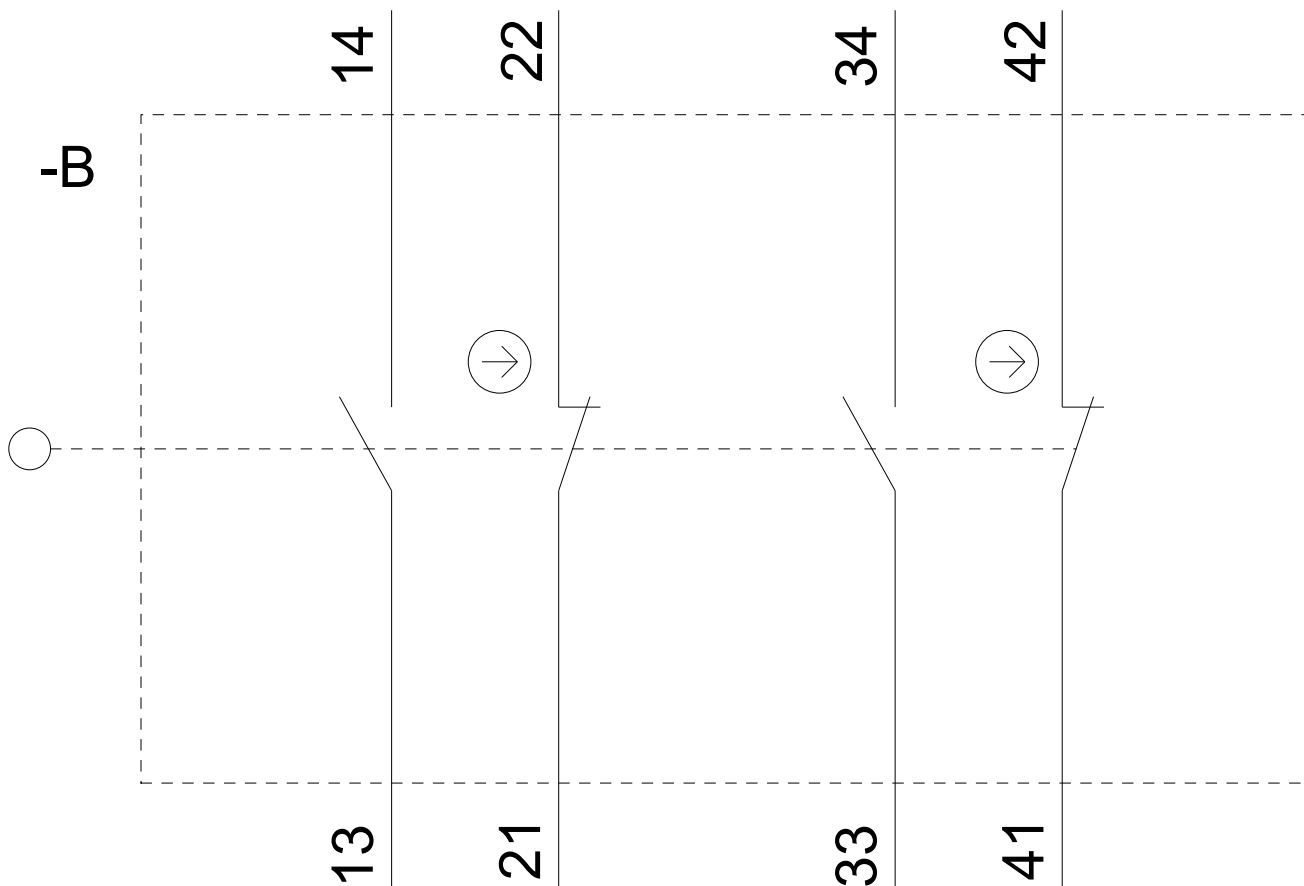
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

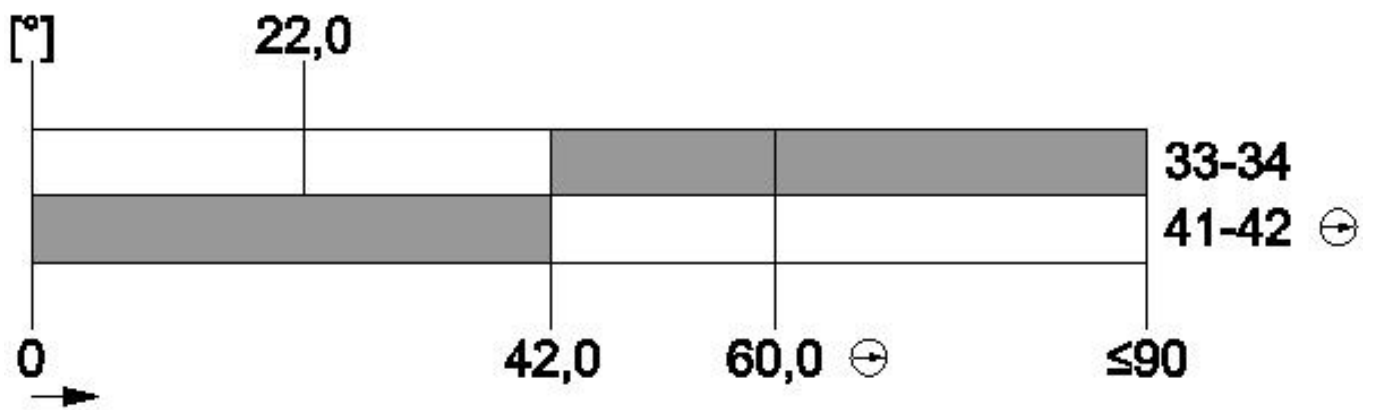
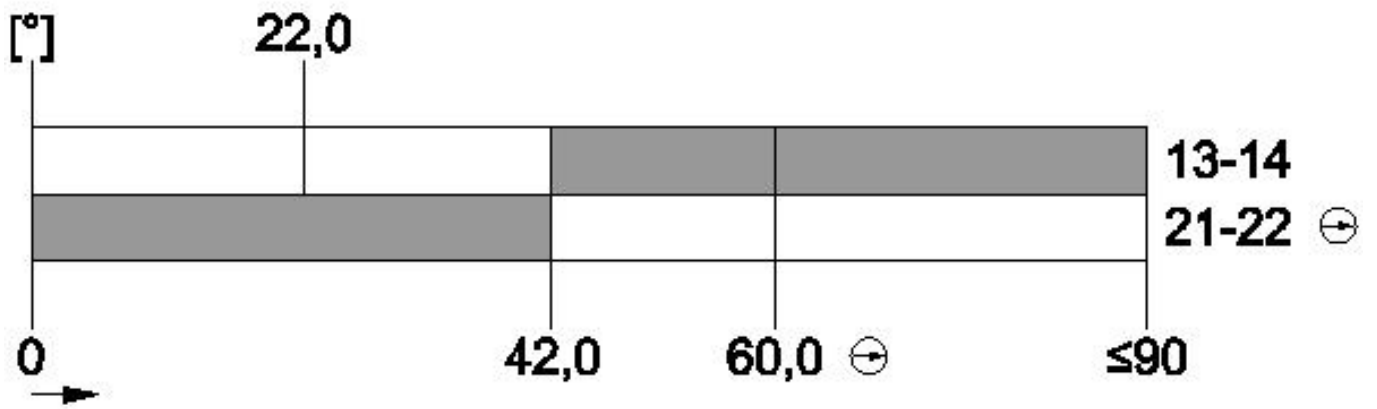
<https://support.industry.siemens.com/cs/ww/en/ps/3SE5162-0CH63-1AN4>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5162-0CH63-1AN4&lang=en







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