








Basic switch for position switch 3SE5162 Metal enclosure XL, 56 mm wide  
Device connection 3x(M20 x 1.5) IP66/IP67 2 x (1 NO/2 NC) Slow-action  
contacts without actuator head

<b>product brand name</b>	SIRIUS
<b>product designation</b>	Mechanical safety switches
<b>product type designation</b>	3SE5
<b>manufacturer's article number</b>	
• of the supplied basic switch	<a href="#">3SE5162-0BA00</a>
• of the supplied switching contacts	1x 3SE5000-0BA00, 1x 3SE5060-0BA00
• of the supplied empty enclosure with cover	<a href="#">3SE5162-0AA00</a>
suitability for use safety switch	Yes
<b>General technical data</b>	
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
<b>shock resistance</b>	
• 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	5 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	100 000
<b>electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical</b>	5 000 000
<b>Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026</b>	6 000
thermal current	10 A
reference code acc. to IEC 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
Substance Prohibance (Date)	01.07.2006 00:00:00
minimum actuating force in directions of actuation	30 N
length of the sensor	107.7 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
operational current at AC-15 <ul style="list-style-type: none"> <li>at 24 V rated value</li> <li>at 125 V rated value</li> <li>at 240 V rated value</li> <li>at 400 V rated value</li> </ul>	6 A 6 A 6 A 4 A
operational current at DC-13 <ul style="list-style-type: none"> <li>at 24 V rated value</li> <li>at 125 V rated value</li> <li>at 250 V rated value</li> <li>at 400 V rated value</li> </ul>	3 A 0.55 A 0.27 A 0.12 A
design of the interface for safety-related communication	without
<b>Enclosure</b>	
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
<b>Drive Head</b>	
design of the actuating element	Other, without, basic switch
design of the switching function	Positive opening with appropriate positive opening actuator head
circuit principle	slow-action contacts
number of switching contacts safety-related	2
<b>Connections/ Terminals</b>	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections <ul style="list-style-type: none"> <li>solid</li> <li>finely stranded with core end processing</li> <li>at AWG cables solid</li> <li>at AWG cables stranded</li> </ul>	1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²) 1x (0.5 ... 1.5 mm²), 2x (0.5 ... 0.75 mm²) 1x (20 ... 16), 2x (20 ... 18) 1x (20 ... 16), 2x (20 ... 18)
cable entry type	3 x (M20 x 1.5)
<b>Communication/ Protocol</b>	
design of the interface	without
<b>Ambient conditions</b>	
ambient temperature <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul>	-25 ... +85 °C -40 ... +90 °C
explosion protection category for dust	none
<b>Installation/ mounting/ dimensions</b>	
mounting position	any
fastening method	screw fixing
<b>Certificates/ approvals</b>	
<div>General Product Approval</div> <div>      </div>	
Functional Safety/Safety of Machinery	

[Type Examination Certificate](#)

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

[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=3SE5162-0BA00>

Cax online generator

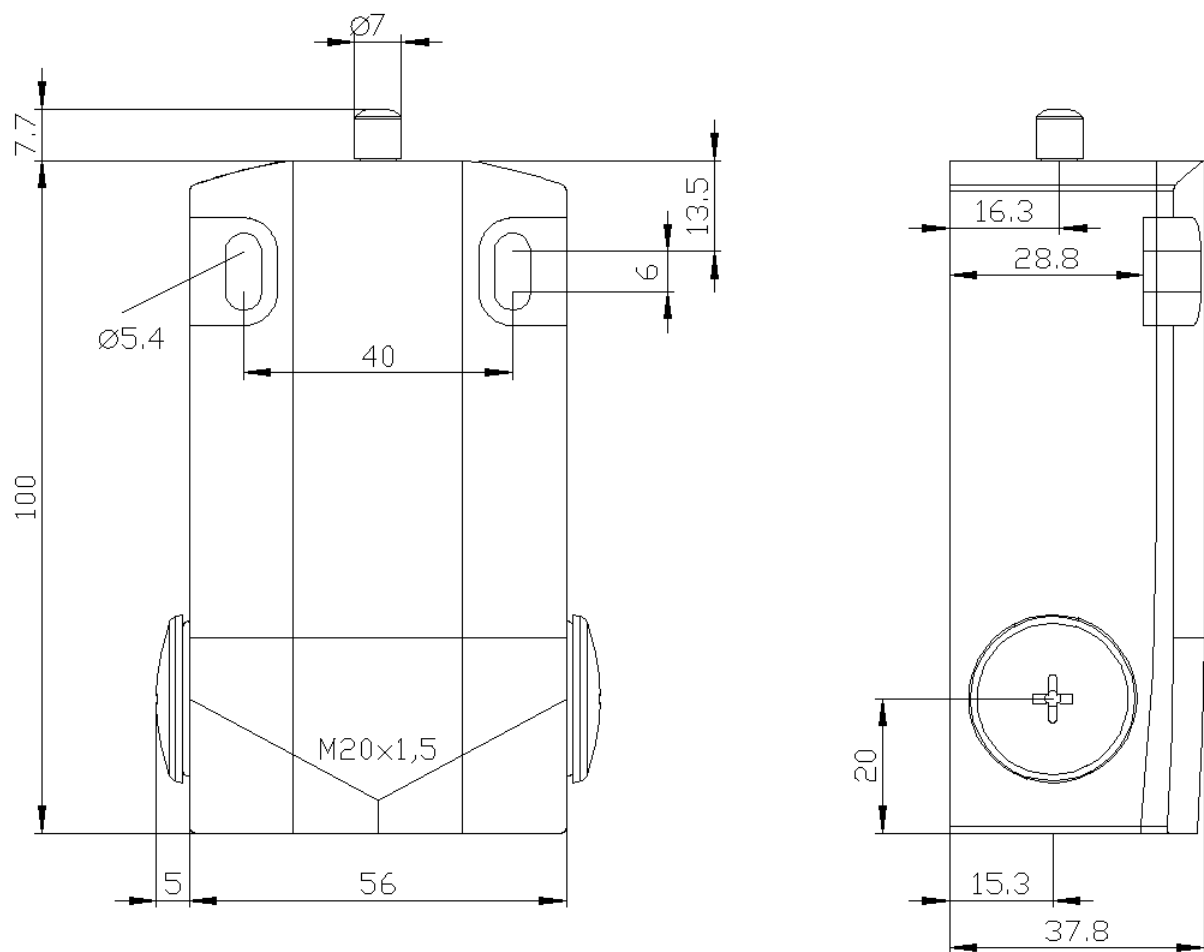
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5162-0BA00>

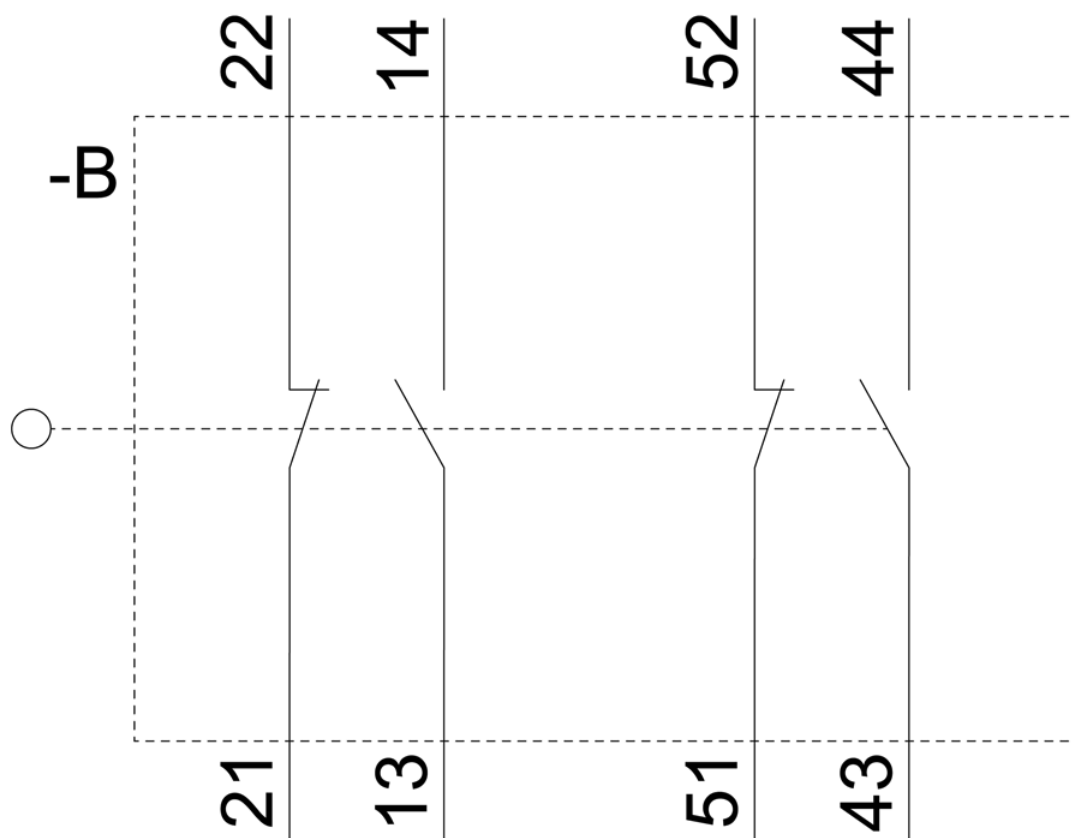
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5162-0BA00>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5162-0BA00&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5162-0BA00&lang=en)





last modified:

12/21/2020 