



Basic switch for position switch 3SE513 Enclosure plastic according to EN 50041, 1 x (M20 x 1.5) 1 NO/1 NC slow-action contacts without actuator head

<p><b>product brand name</b></p> <p><b>product designation</b></p> <p><b>product type designation</b></p> <p><b>manufacturer's article number</b></p> <ul style="list-style-type: none"> <li>• of the supplied switching contacts</li> <li>• of the supplied empty enclosure with cover</li> </ul> <p>suitability for use safety switch</p>	<p>SIRIUS</p> <p>Mechanical safety switches</p> <p>3SE5</p> <p><a href="#">3SE5000-0BA00</a></p> <p><a href="#">3SE5132-0AA00</a></p> <p>Yes</p>
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### General technical data

<p><b>product function</b> positive opening</p> <p><b>insulation voltage rated value</b></p> <p><b>degree of pollution</b></p> <p><b>surge voltage resistance rated value</b></p> <p><b>protection class IP</b></p> <p><b>shock resistance</b></p> <ul style="list-style-type: none"> <li>• according to IEC 60068-2-27</li> </ul> <p><b>vibration resistance according to IEC 60068-2-6</b></p> <p><b>mechanical service life (operating cycles) typical</b></p> <p><b>electrical endurance (operating cycles) at AC-15 at 230 V typical</b></p> <p><b>electrical endurance (operating cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical</b></p> <p><b>Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026</b></p> <p><b>thermal current</b></p> <p><b>reference code according to IEC 81346-2</b></p> <p><b>continuous current of the C characteristic MCB</b></p> <p><b>continuous current of the quick DIAZED fuse link</b></p> <p><b>continuous current of the DIAZED fuse link gG</b></p> <p><b>active principle</b></p> <p><b>repeat accuracy</b></p> <p><b>Substance Prohibitance (Date)</b></p> <p><b>minimum actuating force in directions of actuation</b></p> <p><b>length of the sensor</b></p> <p><b>width of the sensor</b></p>	<p>Yes</p> <p>400 V</p> <p>class 3</p> <p>6 kV</p> <p>IP66/IP67</p> <p>30g / 11 ms</p> <p>0.35 mm/5g</p> <p>15 000 000</p> <p>100 000</p> <p>10 000 000</p> <p>6 000</p> <p>10 A</p> <p>B</p> <p>1 A; for a short-circuit current smaller than 400 A</p> <p>10 A; for a short-circuit current smaller than 400 A</p> <p>6 A</p> <p>mechanical</p> <p>0.05 mm</p> <p>07/01/2006</p> <p>20 N</p> <p>85.7 mm</p> <p>40 mm</p>
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### Ambient conditions

<p><b>ambient temperature</b></p> <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul> <p><b>explosion protection category for dust</b></p> <p><b>design of the switching contact</b></p> <p><b>operating frequency rated value</b></p>	<p>-25 ... +85 °C</p> <p>-40 ... +90 °C</p> <p>none</p> <p>mechanical</p> <p>50 ... 60 Hz</p>
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number of NC contacts for auxiliary contacts	1
number of NO contacts for auxiliary contacts	1
<b>operational current at AC-15</b>	
• 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
<b>operational current at DC-13</b>	
• 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

Enclosure	
design of the housing	block, narrow
material of the enclosure	plastic
coating of the enclosure	Other types
design of the housing according to standard	Yes

Drive Head	
design of the actuating element	Other, without, cover
design of the switching function	Positive opening with appropriate positive opening actuator head
circuit principle	slow-action contacts
number of switching contacts safety-related	1
cable entry type	1x (M20 x 1.5)

Installation/ mounting/ dimensions	
mounting position	any
fastening method	screw fixing

Connections/ Terminals	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• finely stranded with core end processing	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• at AWG cables solid	1x (20 ... 16), 2x (20 ... 18)
• at AWG cables stranded	1x (20 ... 16), 2x (20 ... 18)
design of the interface for safety-related communication	without

Communication/ Protocol	
design of the interface	without

Certificates/ approvals	
General Product Approval	



[Confirmation](#)



Functional Safety/Safety of Machinery	Declaration of Conformity	other
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[Type Examination Certificate](#)



[Confirmation](#)

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

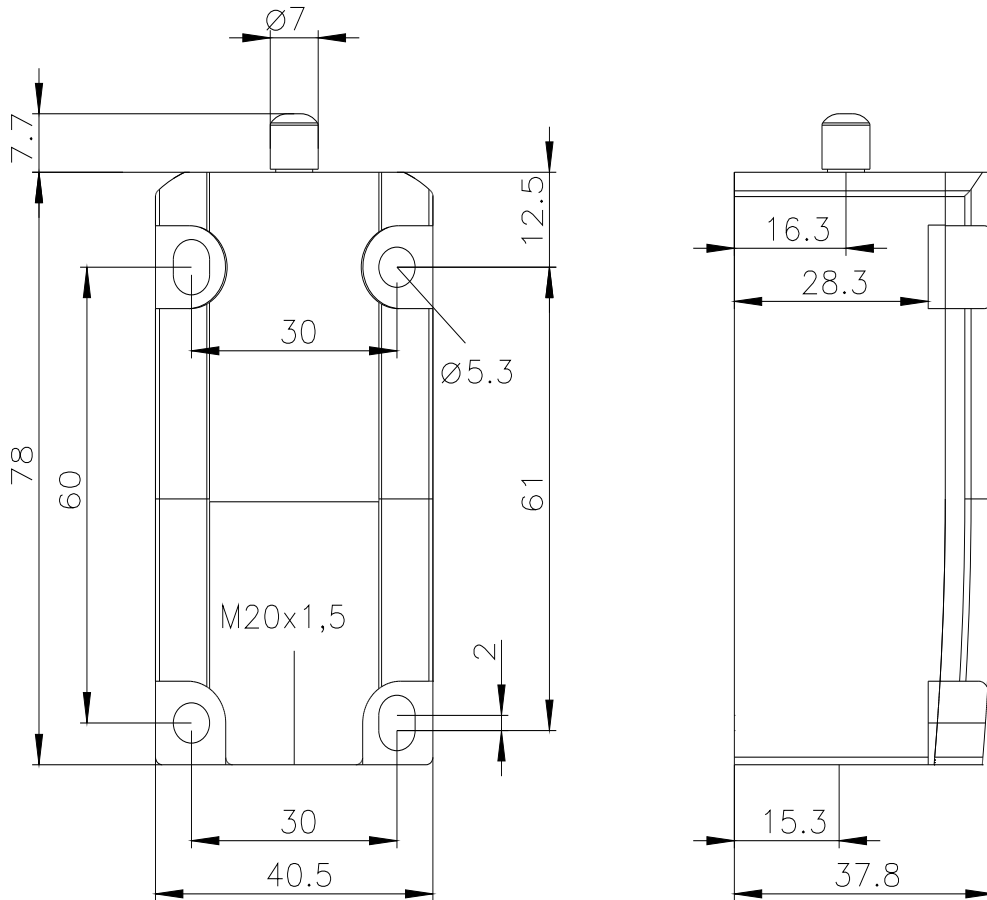
Information- and Downloadcenter (Catalogs, Brochures,...)

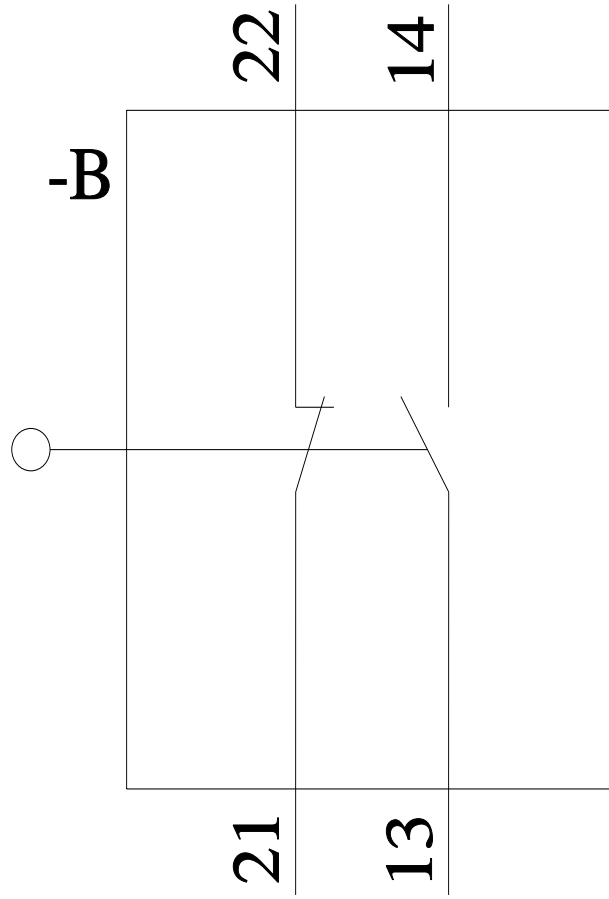
<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SE5132-0BA00>

Cax online generator





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