













Position switch Plastic enclosure 40 mm according to EN 50041 Device connection 1 x (M20 x 1.5) 1 NO/2 NC quick action contacts Rounded plunger made of plastic

<b>product brand name</b>	SIRIUS
<b>product designation</b>	Mechanical position switches
<b>product type designation</b>	3SE5
<b>manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>• of the supplied basic switch</li> <li>• of the supplied actuator head for position switches</li> <li>• of the supplied switching contacts</li> <li>• of the supplied empty enclosure with cover</li> </ul>	<a href="#">3SE5132-0LA00</a> <a href="#">3SE5000-0AC03</a> <a href="#">3SE5000-0LA00</a> <a href="#">3SE5132-0AA00</a>
suitability for use safety switch	Yes
<b>General technical data</b>	
product function positive opening	Yes
<b>insulation voltage rated value</b>	400 V
<b>degree of pollution</b>	class 3
<b>surge voltage resistance rated value</b>	6 kV
<b>protection class IP</b>	IP66/IP67
<b>shock resistance</b>	
<ul style="list-style-type: none"> <li>• according to IEC 60068-2-27</li> </ul>	30g / 11 ms
<b>vibration resistance according to IEC 60068-2-6</b>	0.35 mm/5g
<b>mechanical service life (operating cycles) typical</b>	15 000 000
<b>electrical endurance (operating cycles) at AC-15 at 230 V typical</b>	100 000
<b>thermal current</b>	10 A
<b>material of the enclosure of the switch head</b>	plastic
<b>reference code according to IEC 81346-2</b>	B
<b>continuous current of the C characteristic MCB</b>	1 A; for a short-circuit current smaller than 400 A
<b>continuous current of the quick DIAZED fuse link</b>	10 A; for a short-circuit current smaller than 400 A
<b>continuous current of the DIAZED fuse link gG</b>	6 A
<b>active principle</b>	mechanical
<b>repeat accuracy</b>	0.05 mm
<b>Substance Prohibition (Date)</b>	07/01/2006
<b>SVHC substance name</b>	Imidazolidine-2-thione (2-imidazoline-2-thiol) - 96-45-7
<b>Weight</b>	0.123 kg
<b>minimum actuating force in directions of actuation</b>	20 N
<b>length of the sensor</b>	103.5 mm
<b>width of the sensor</b>	40 mm
<b>Ambient conditions</b>	
<b>ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	-25 ... +85 °C -40 ... +90 °C
<b>explosion protection category for dust</b>	none

Main circuit			
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	1		
operational 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		
operational 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		
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	Rounded plunger, plastic plunger		
standard-compliant actuator head	EN 50041, design B		
shape of the switch head	rounded		
design of the switching function	positive opening		
circuit principle	snap-action contacts		
number of switching contacts safety-related	2		
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 terminal		
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> )		
• for AWG cables solid	1x (20 ... 16), 2x (20 ... 18)		
• for 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		
Approvals Certificates			
General Product Approval	For use in hazardous locations	Test Certificates	
	 EG-Konf.	 UL	
		 ATEX	
		<a href="#">Type Test Certificates/Test Report</a>	
Test Certificates		Maritime application	
<a href="#">Special Test Certificate</a>	 ABS	 BUREAU VERITAS	 DNV
		 LRS	 PRS
Maritime application	other	Railway	Dangerous goods



[Confirmation](#)

[Special Test Certificate](#)

[Transport Information](#)

## Environment

[Environmental Confirmations](#)

## Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3SE5132-0LC03>

Cax online generator

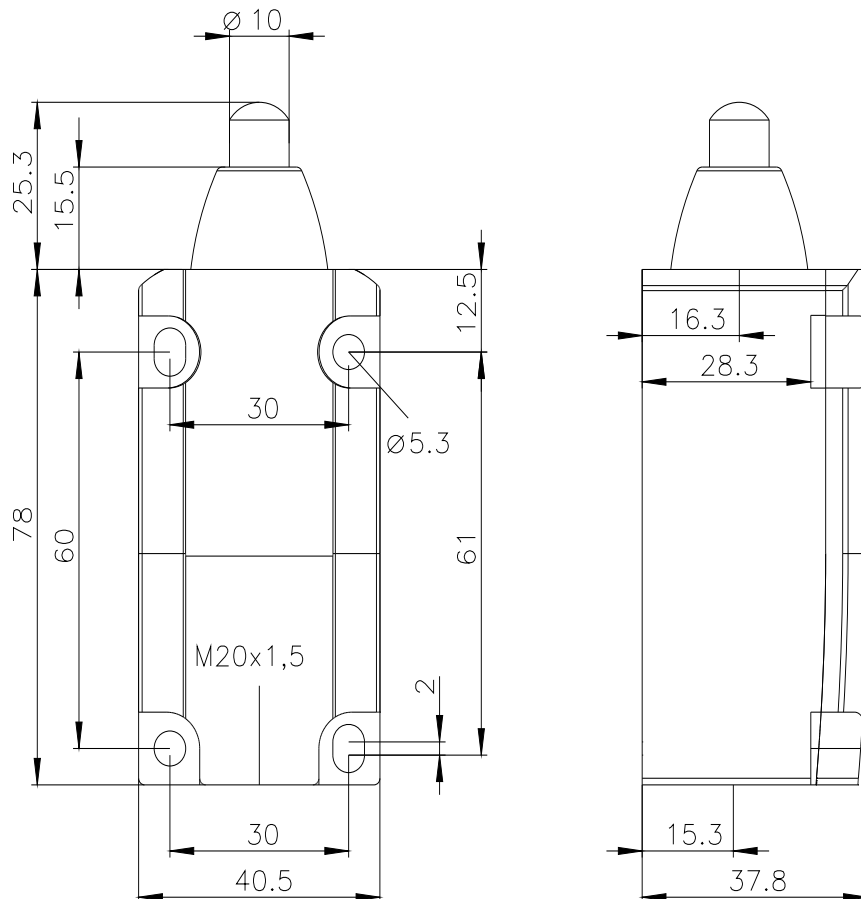
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5132-0LC03>

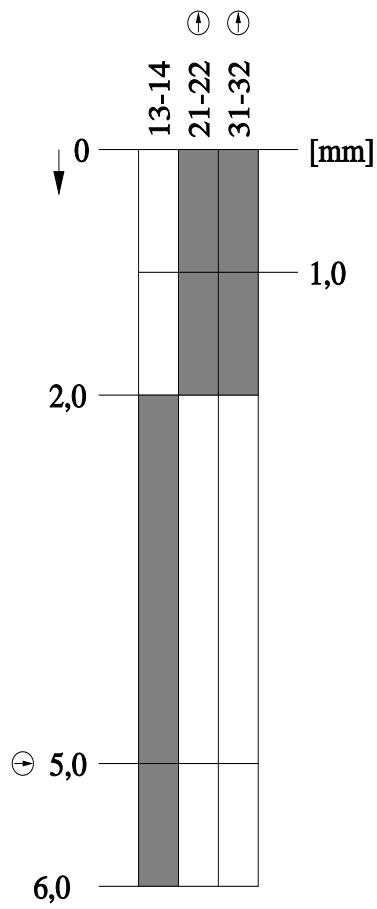
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5132-0LC03>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5132-0LC03&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5132-0LC03&lang=en)





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