

Safety position switch with separate actuator Molded-plastic enclosure, lateral and face-end operation Slow-action contacts 1 NO+2 NC, 3 x (M16 x 1.5) Pull-out force 30 N Supplied without actuator



Product designation	safety position switch
Suitability for use safety switch	Yes

### General technical data

<b>Insulation voltage</b>	
• rated value	500 V
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	IP67
<b>Mechanical service life (switching cycles)</b>	
• typical	1 000 000
<b>Thermal current</b>	10 A
<b>Reference code acc. to DIN EN 81346-2</b>	B
<b>Reference code acc. to DIN EN 61346-2</b>	B
<b>Active principle</b>	mechanical
<b>Length of the sensor</b>	90 mm
<b>Width of the sensor</b>	52 mm
<b>Design of the switching contact</b>	mechanical
<b>Operating frequency rated value</b>	60 ... 50 Hz
<b>Number of NC contacts for auxiliary contacts</b>	2
<b>Number of NO contacts for auxiliary contacts</b>	1

<b>Operating current at AC-15</b>	
<ul style="list-style-type: none"> <li>• at 230 V rated value</li> </ul>	4 A
<b>Operating current at DC-13</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> </ul>	4 A
Design of the interface for safety-related communication	without

<b>Enclosure</b>	
<b>Design of the housing</b>	wide
<b>Material of the enclosure</b>	glass fiber reinforced thermoplast
<b>Coating of the enclosure</b>	Other types
<b>Design of the housing acc. to standard</b>	No

<b>Drive Head</b>	
<b>Design of the operating mechanism</b>	without
<b>Design of the switching function</b>	positive opening
<b>Circuit principle</b>	slow-action contacts
Number of switching contacts safety-related	1

<b>Connections/ Terminals</b>	
<b>Type of electrical connection</b>	screw-type terminals
<b>Type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>• solid</li> </ul>	2x (0.75 ... 2.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>	2x (0.75 ... 2.5 mm <sup>2</sup> )
<b>Cable entry type</b>	3 x (M16 x 1,5)

<b>Communication/ Protocol</b>	
<b>Design of the interface</b>	without

<b>Ambient conditions</b>	
<b>Ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-30 ... +80 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-30 ... +80 °C
<b>Explosion protection category for dust</b>	none

<b>Installation/ mounting/ dimensions</b>	
<b>Mounting position</b>	any
<b>Mounting type</b>	screw fixing

<b>Certificates/ approvals</b>	
--------------------------------	--

## General Product Approval

## Declaration of Conformity



CCC



CSA



UL



EG-Konf.

[Miscellaneous](#)

## Test Certificates

## Marine / Shipping

[Miscellaneous](#)



ABS



LRS



PRS



RINA



DNV-GL  
DNVGL.COM/AF

## other

[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=3SE2243-0XX18>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2243-0XX18>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2243-0XX18>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE2243-0XX18&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2243-0XX18&lang=en)

last modified:

05/15/2020