

SIRIUS POSITION SWITCH PLASTIC HOUSING ACC. TO EN50047, 31MM DEVICE CONNECTION 1X(M20X1.5); 1NO/1NC SNAP-ACTION CONTACTS (REPLACEABLE) TEFLON PLUNGER



<b>Product designation</b>	standard position switch
<b>Manufacturer's article number</b>	
<ul style="list-style-type: none"> <li>• of the supplied basic switch</li> <li>• of the supplied switching contacts</li> <li>• of the supplied empty enclosure with cover</li> </ul>	<p><a href="#">3SE5232-0CC05</a></p> <p><a href="#">3SE5000-0CA00</a></p> <p><a href="#">3SE5232-0AC05</a></p>
<b>General technical data</b>	
<b>Product function</b>	
<ul style="list-style-type: none"> <li>• positive opening</li> </ul>	Yes
<b>Insulation voltage</b>	
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	400 V
<b>Degree of pollution</b>	class 3
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	IP65
<b>Shock resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> </ul>	30 g / 11 ms
<b>Vibration resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> </ul>	0.35 mm/5g
<b>Mechanical service life (switching cycles)</b>	
<ul style="list-style-type: none"> <li>• typical</li> </ul>	15 000 000

<b>Electrical endurance (switching cycles)</b>	
<ul style="list-style-type: none"> <li>at AC-15 at 230 V typical</li> </ul>	100 000
<b>Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical</b>	10 000 000
<b>Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026</b>	6 000
<b>Thermal current</b>	6 A
<b>Equipment marking</b>	
<ul style="list-style-type: none"> <li>acc. to DIN EN 61346-2</li> </ul>	B
<ul style="list-style-type: none"> <li>acc. to DIN EN 81346-2</li> </ul>	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>Minimum actuating force in activation direction</b>	20 N
<b>Operating current at AC-15</b>	
<ul style="list-style-type: none"> <li>at 24 V rated value</li> </ul>	6 A
<ul style="list-style-type: none"> <li>at 125 V rated value</li> </ul>	6 A
<ul style="list-style-type: none"> <li>at 230 V rated value</li> </ul>	6 A
<ul style="list-style-type: none"> <li>at 400 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>	3 A
<ul style="list-style-type: none"> <li>at 125 V rated value</li> </ul>	0.55 A
<ul style="list-style-type: none"> <li>at 230 V rated value</li> </ul>	0.27 A
<ul style="list-style-type: none"> <li>at 400 V rated value</li> </ul>	0.1 A

#### Enclosure

<b>Design of the housing</b>	block, narrow
<b>Material of the enclosure</b>	plastic
<b>Coating of the enclosure</b>	Other types
<b>Design of the housing acc. to standard</b>	Yes

#### Drive Head

<b>Design of the operating mechanism</b>	Rounded plunger, Teflon plunger
<b>Standard-compliant actuator head</b>	EN 50047, design B
<b>Shape of the switch head</b>	rounded
<b>Design of the switching function</b>	positive opening

#### Connections/Terminals

<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>	1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )

- finely stranded with core end processing
- at AWG conductors solid
- at AWG conductors stranded

1x (0.5 ... 1.5 mm<sup>2</sup>), 2x (0.5 ... 0.75 mm<sup>2</sup>)  
 1x (20 ... 16), 2x (20 ... 18)  
 1x (20 ... 16), 2x (20 ... 18)

### Mechanical data

**Cable entry type** 1x (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

### Installation/ mounting/ dimensions

**Mounting position** any  
**Mounting type** screw fixing

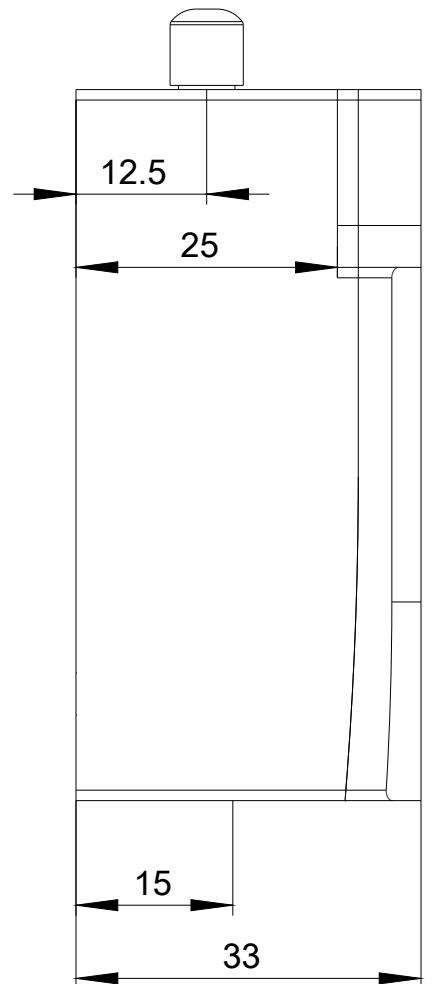
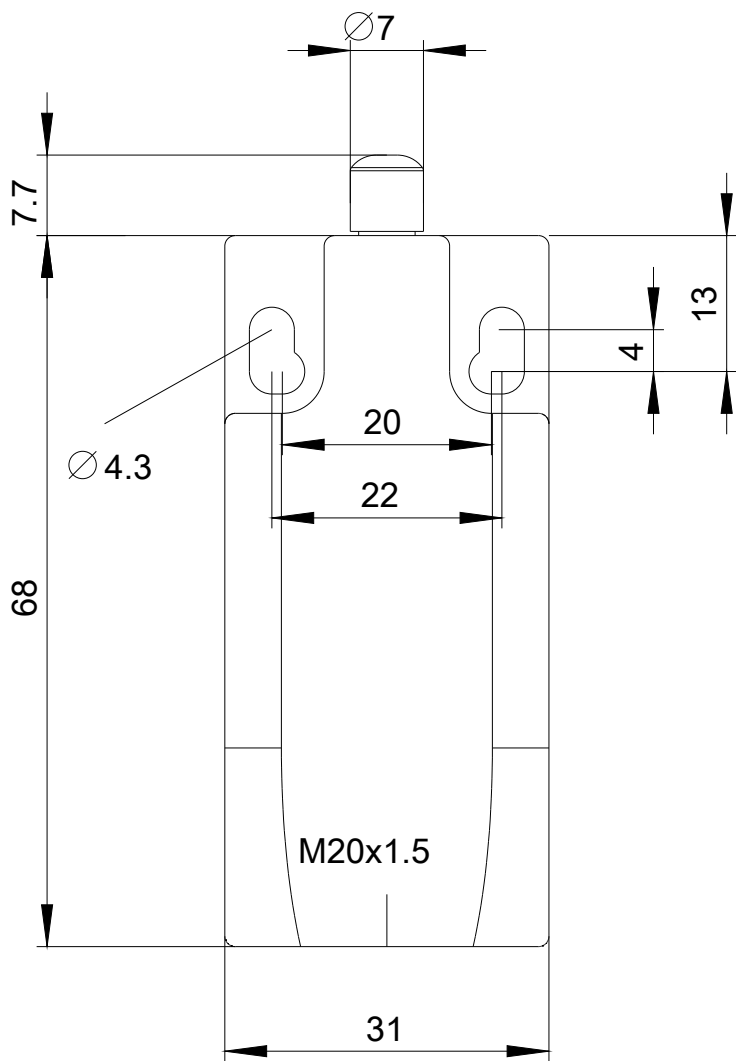
### Certificates/approvals

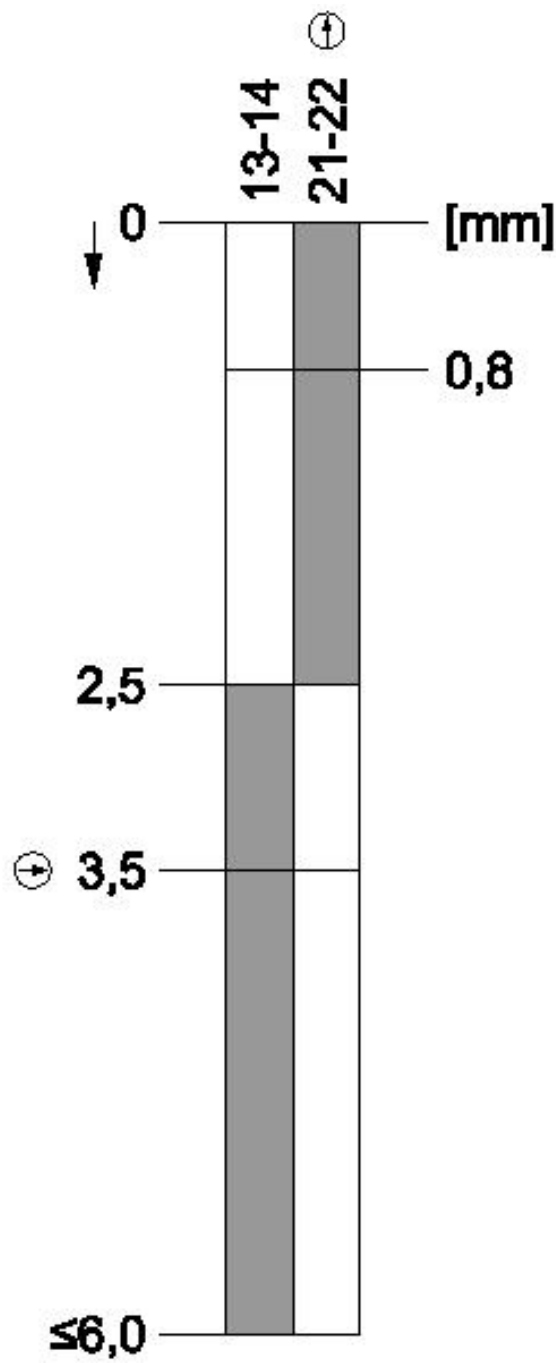
<b>General Product Approval</b>	<b>Functional Safety/Safety of Machinery</b>	<b>Declaration of Conformity</b>
 CCC	 UL	 EG-Konf.
 CSA		<a href="#">Type Examination Certificate</a>

<b>Test Certificates</b>	<b>other</b>
<a href="#">Special Test Certificate</a>	<a href="#">Confirmation</a>

### 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=3SE5232-0CC05>
- Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0CC05>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0CC05>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5232-0CC05&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0CC05&lang=en)





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