

SIRIUS POSITION SWITCH; PLASTIC HOUSING ACC. TO EN50047, 31MM DEVICE CONNECTION 1X M20X1.5; 1NO/1NC SNAP-ACTION CONTACTS INTEGRATED (NOT REPLACEABLE) ROD ACTUATOR ALUMINUM ROD 200MM



<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> </ul>	<a href="#">3SE5232-0HC05</a>
<ul style="list-style-type: none"> <li>• of the supplied actuator head for position switches</li> </ul>	<a href="#">3SE5000-0AK00</a>
<ul style="list-style-type: none"> <li>• of the supplied operating lever</li> </ul>	<a href="#">3SE5000-0AA80</a>

General technical data	
<b>Product function</b>	
<ul style="list-style-type: none"> <li>• positive opening</li> </ul>	No
<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>	

• typical	15 000 000
<b>Electrical endurance (switching cycles)</b>	
• at AC-15 at 230 V typical	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>	
• acc. to DIN EN 61346-2	B
• acc. to DIN EN 81346-2	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 torque in activation direction</b>	0.25 N·m
<b>Operating current at AC-15</b>	
• at 24 V rated value	6 A
• at 125 V rated value	6 A
• at 230 V rated value	6 A
• at 400 V rated value	4 A
<b>Operating current at DC-13</b>	
• at 24 V rated value	3 A
• at 125 V rated value	0.55 A
• at 230 V rated value	0.27 A
• at 400 V rated value	0.1 A
<b>Enclosure</b>	
<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
<b>Drive Head</b>	
<b>Design of the operating mechanism</b>	Rod lever, aluminum rod, length 200 mm
<b>Standard-compliant actuator head</b>	EN 50047, design A
<b>Connections/Terminals</b>	
<b>Type of electrical connection</b>	screw-type terminals
<b>Type of connectable conductor cross-sections</b>	
• 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 conductors solid
- at AWG conductors stranded

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

**General Product Approval**

**Functional Safety/Safety of Machinery**

**Declaration of Conformity**



[Type Examination Certificate](#)



**Test**

**other**

**Certificates**

[Special Test Certificate](#)

[Confirmation](#)

#### 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=3SE5232-0HK80>

**Cax online generator**

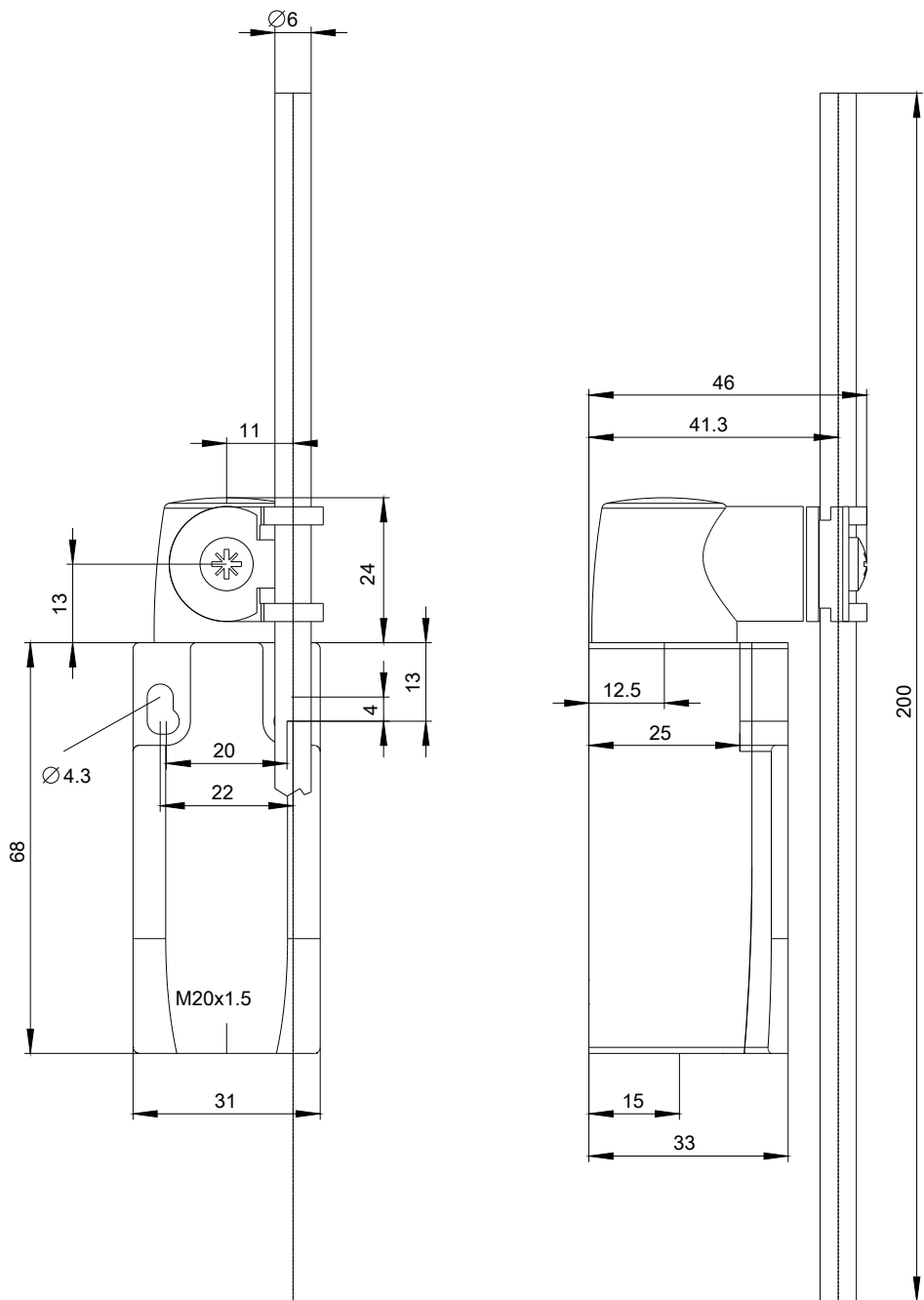
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE5232-0HK80>

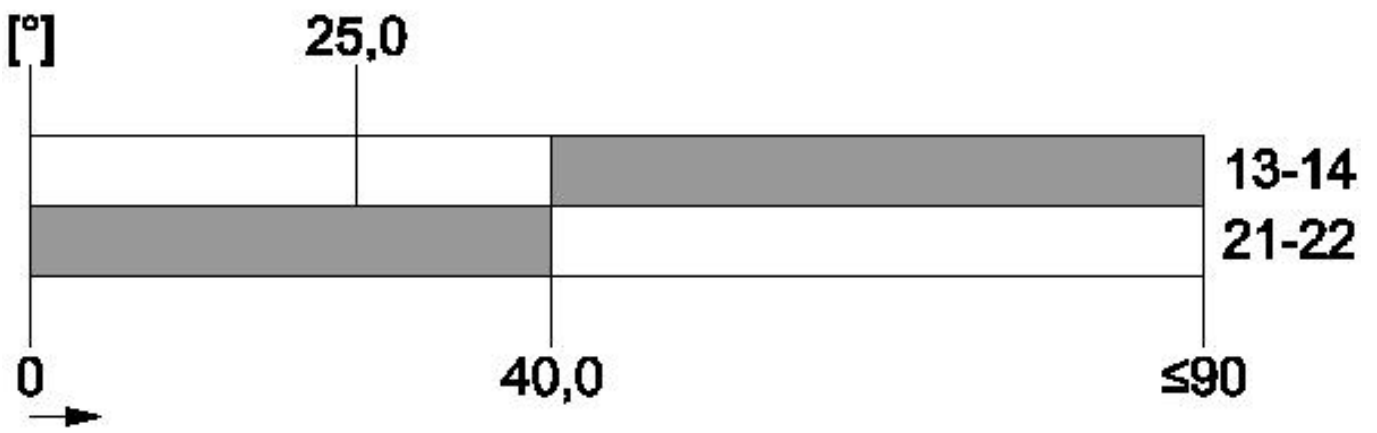
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/3SE5232-0HK80>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE5232-0HK80&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE5232-0HK80&lang=en)





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