



SAFETY POS. WITH SEPARATE ACTUATOR, PLASTIC ENCLOSURE, 31MM, 1X(M20X1.5) SLOW-ACTION CONTACTS 1NO/2NC 5 DIRECTIONS OF APPROACH; EXTRACTION FORCE 30N; THE SUITABLE SEPARATE ACTUATOR 3SE5000-0AV0 MUST BE ORDERED SEPARATELY

Product designation		position switch with separate actuator
<b>Manufacturer article number</b>		
<ul style="list-style-type: none"> <li>of the optional actuators</li> </ul>		3SE5000-0AV01 standard actuator, 3SE5000-0AV02 actuator with vertical mounting, 3SE5000-0AV03 actuator with horizontal mounting, 3SE5000-0AV04 radius actuator left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator right, 3SE5000-0AV07 heavy-duty actuator, 3SE5000-0AW11 plastic actuator, 3SE5000-0AW21 stainless steel actuator

General technical data:		
<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>	V	400
<b>Degree of pollution</b>		class 3
<b>Shock resistance</b>		30g / 11 ms
<b>Vibration resistance</b>		0.35 mm / 5g
<b>Surge voltage resistance Rated value</b>	kV	6
<b>Mechanical service life (switching cycles)</b>		
<ul style="list-style-type: none"> <li>typical</li> </ul>		1 000 000
<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>		1 000 000

Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6 000
Thermal current	A	6
Material of the enclosure of the switch head		plastic
Protection class IP		IP65
Equipment marking		B
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> <li>• acc. to DIN EN 81346-2</li> </ul>		B
Active principle		mechanical
Repeat accuracy	mm	0.05
Explosion protection category for dust		none
Explosion protection category for gas		none
Minimum actuating force in activation direction	N	30
Operating current at AC-15		
<ul style="list-style-type: none"> <li>• at 230 V Rated value</li> </ul>	A	1.5
Operating current		
<ul style="list-style-type: none"> <li>• at DC-13 at 125 V Rated value</li> </ul>	A	0.55
Operating current		
<ul style="list-style-type: none"> <li>• at DC-13</li> <li>— at 24 V Rated value</li> </ul>	A	3

#### Enclosure:

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

#### Drive Head:

Design of the operating mechanism		5 directions of approach
Standard-compliant actuator head		EN 50047
Design of the switching function		positive opening

#### Connections/ Terminals:

Type of electrical connection		screw-type terminals
Type of connectable conductor cross-section		
<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> )
<ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>		1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• finely stranded without core end processing</li> </ul>		1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• for AWG conductors</li> </ul>		
<ul style="list-style-type: none"> <li>— solid</li> </ul>		1x (20 ... 16), 2x (20 ... 18)
<ul style="list-style-type: none"> <li>— stranded</li> </ul>		1x (20 ... 16), 2x (20 ... 18)

#### Mechanical data:

Cable entry type		1x (M20 x 1.5)
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### Communication/ Protocol:

**Design of the interface** without

### Ambient conditions:

**Ambient temperature**

- during operation °C -25 ... +85
- during storage °C -40 ... +90

### Installation/ mounting/ dimensions:

**mounting position** any

**Mounting type** screw fixing

### Certificates/ approvals:

**General Product Approval**

**Declaration of  
Conformity**

**Test  
Certificates**



CCC



CSA



UL



EG-Konf.

[Special Test  
Certificate](#)

**other**

[Confirmation](#)

### Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

**Industry Mall (Online ordering system)**

<http://www.siemens.com/industrymall>

**Cax online generator**

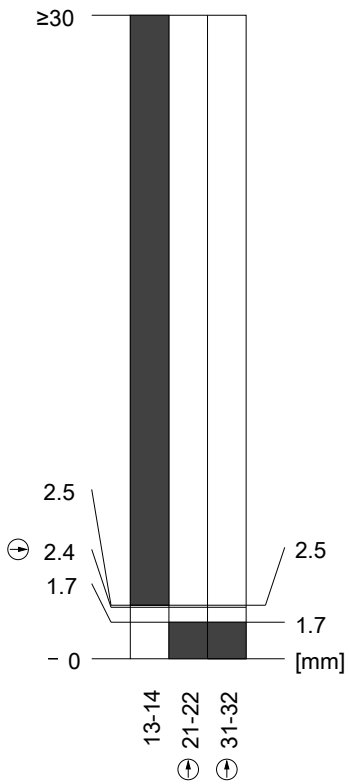
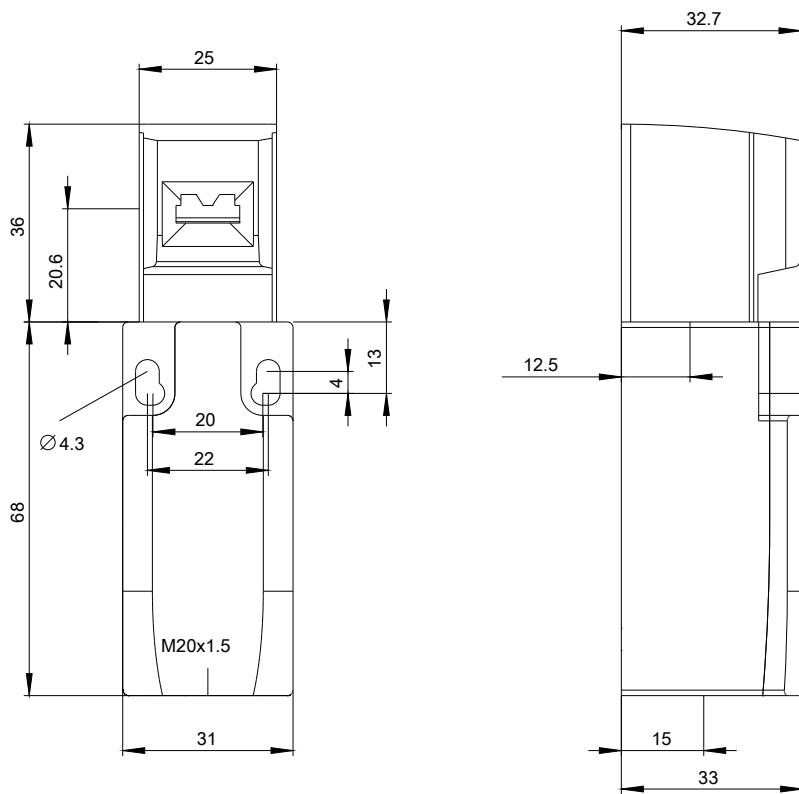
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE52320QV401AA1>

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

<http://support.automation.siemens.com/WW/view/en/3SE52320QV401AA1/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE52320QV401AA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE52320QV401AA1&lang=en)



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