

SAFETY POS. SWITCH W. SEPARATE ACTUATOR, PLASTIC ENCLOSURE, 31MM; 1X(M20X1.5) SLOW-ACTION CONTACTS 1NO+1NC, 5 DIRECTIONS OF APPROACH, THE MATCHING SEPARATE ACTUATOR 3SE5000-0AV0. IS TO BE ORDERED SEPARATELY



<b>Product designation</b>	position switch with separate actuator
<b>Manufacturer's article number</b>	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
<ul style="list-style-type: none"> <li>of the optional actuators</li> </ul>	

General technical data:	
<b>Product function</b>	Yes
<ul style="list-style-type: none"> <li>positive opening</li> </ul>	
<b>Insulation voltage</b>	400 V
<ul style="list-style-type: none"> <li>rated value</li> </ul>	
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	IP65
<b>Degree of pollution</b>	class 3
<b>Shock resistance</b>	30 g / 11 ms
<ul style="list-style-type: none"> <li>acc. to IEC 60068-2-27</li> </ul>	
<b>Vibration resistance</b>	0.35 mm/5g
<ul style="list-style-type: none"> <li>acc. to IEC 60068-2-6</li> </ul>	

<b>Mechanical service life (switching cycles)</b>	
• typical	1 000 000
<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>	1 000 000
<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; for a short-circuit current smaller than 400 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>	
• at 24 V rated value	6 A
• at 125 V rated value	6 A
• at 230 V rated value	1.5 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

<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>Standard-compliant actuator head</b>	EN 50047
<b>Design of the switching function</b>	positive opening

<b>Connections/ Terminals:</b>	
<b>Type of electrical connection</b>	screw-type terminals

<b>Mechanical data:</b>	
<b>Cable entry type</b>	1x (M20 x 1.5)

<b>Communication/ Protocol:</b>	
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Design of the interface	without
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### Ambient conditions:

<b>Ambient temperature</b>	
• during operation	-25 ... +85 °C
• during storage	-40 ... +90 °C

### Installation/ mounting/ dimensions:

<b>Mounting position</b>	any
<b>Mounting type</b>	screw fixing

### Certificates/approvals

<b>General Product Approval</b>	<b>Functional Safety/Safety of Machinery</b>	<b>Declaration of Conformity</b>
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[Baumusterprüfbescheinigung](#)



<b>Test Certificates</b>	<b>other</b>
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### 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=3SE52320RV40>

**Cax online generator**

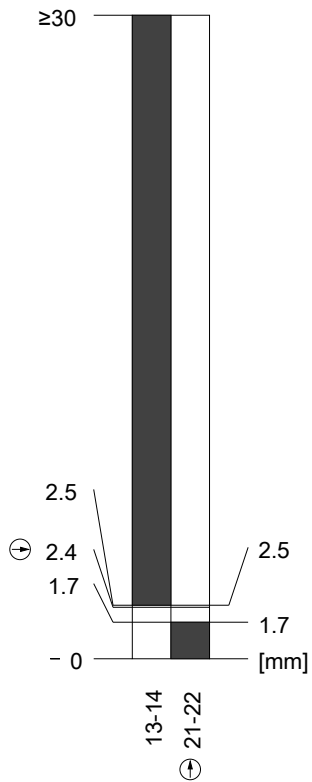
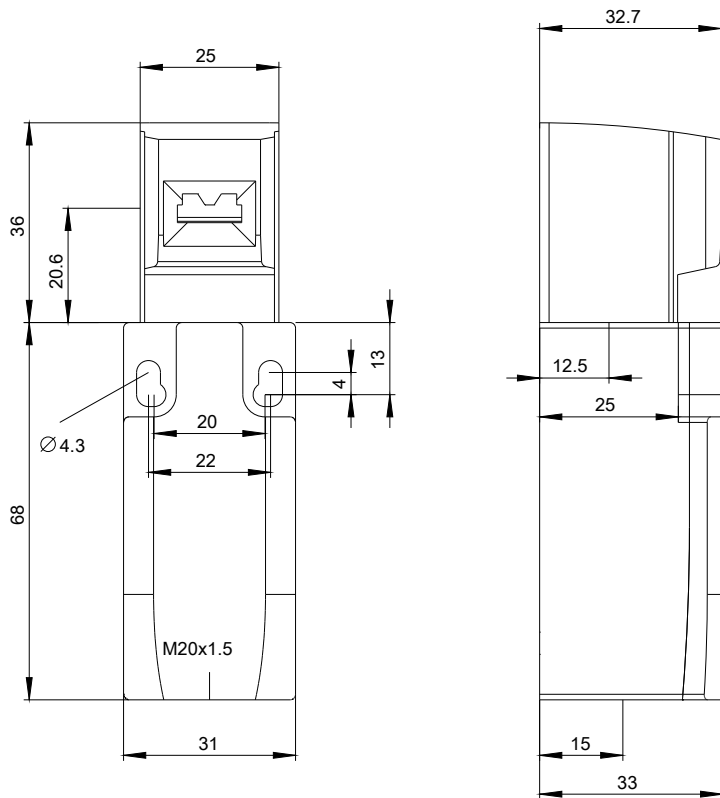
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE52320RV40>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE52320RV40>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE52320RV40&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE52320RV40&lang=en)



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