



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

General technical details:		
<b>product designation</b>		position switch with separate actuator
<b>Product feature</b>		increased restoring force
<b>Explosion protection category for dust</b>		none
<b>Insulation voltage</b>		
• rated value	V	400
<b>Degree of pollution</b>		class 3
<b>Thermal current</b>	A	6
<b>Operating current</b>		
• at AC-15		
• at 24 V / rated value	A	6
• at 125 V / rated value	A	6
• at 230 V / rated value	A	1.5
• at DC-13		
• at 24 V / rated value	A	3
• at 125 V / rated value	A	0.55
• at 230 V / rated value	A	0.27
<b>Continuous current</b>		
• of the slow DIAZED fuse link	A	6
• of the quick DIAZED fuse link	A	10

<ul style="list-style-type: none"> <li>• of the C characteristic circuit breaker</li> </ul>	A	1
<b>Mechanical operating cycles as operating time</b> <ul style="list-style-type: none"> <li>• typical</li> </ul>		1,000,000
<b>Electrical operating cycles as operating time</b> <ul style="list-style-type: none"> <li>• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical</li> <li>• at AC-15 / at 230 V / typical</li> </ul>		10,000,000 100,000
<b>Electrical operating cycles in one hour</b> <ul style="list-style-type: none"> <li>• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026</li> </ul>		6,000
<b>Repeat accuracy</b>	mm	0.05
<b>Design of the contact element</b>		slow-action contacts
<b>Number of NC contacts</b> <ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>		2
<b>Design of the switching function</b>		positive opening
<b>Number of NO contacts</b> <ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>		1
<b>Resistance against vibration</b>		0.35 mm / 5g
<b>Resistance against shock</b>		30g / 11 ms
<b>Ambient temperature</b> <ul style="list-style-type: none"> <li>• during operating</li> <li>• during storage</li> </ul>	°C °C	-25 ... +85 -40 ... +90
<b>Product specification</b> <ul style="list-style-type: none"> <li>• for dimensions</li> </ul>		EN 50047
<b>Width of the sensor</b>	mm	31
<b>Material</b> <ul style="list-style-type: none"> <li>• of the enclosure</li> </ul>		plastic
<b>Material / of the housing / of the switch head</b>		plastic
<b>Design of the operating mechanism</b>		5 directions of approach
<b>Actuating speed</b>	mm/s / m/s	0.4 ... 0.5
<b>Minimum actuating force / in activation direction</b>	N	30
<b>Protection class IP</b>		IP65
<b>mounting position</b>		any
<b>Cable gland version</b>		1x (M20 x 1.5)
<b>Design of the electrical connection</b>		screw-type terminals
<b>Manufacturer article number</b>		

- of the optional actuators

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

#### Item designation

- according to DIN 40719 extendable after IEC 204-2
- according to DIN EN 61346-2

S

B

#### Certificates/approvals:

##### General Product Approval

##### Declaration of Conformity

##### Test Certificates



CCC



GOST



UL



VDE



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/industrial-controls/mall>

##### Cax online generator:

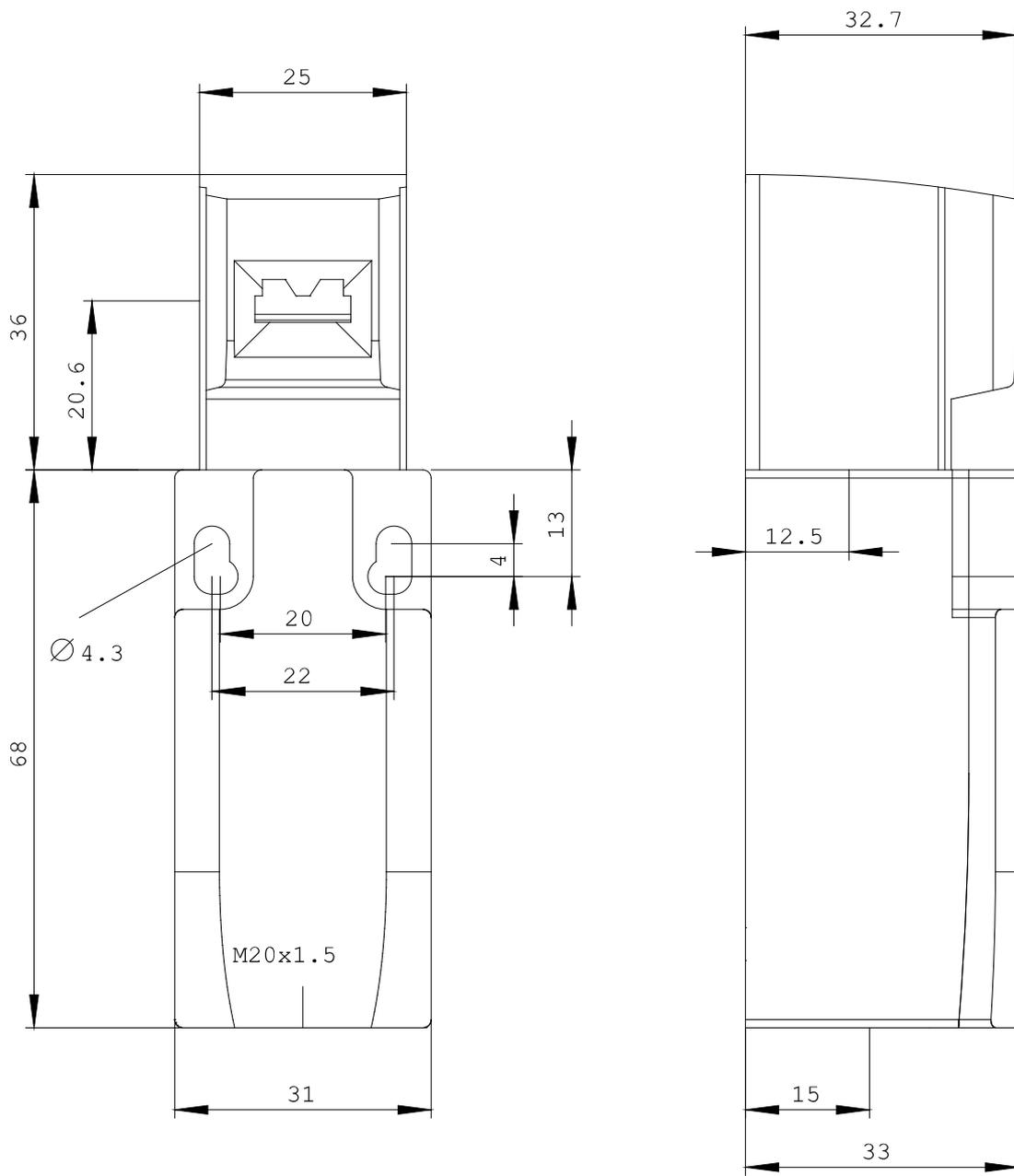
<http://www.siemens.com/cax>

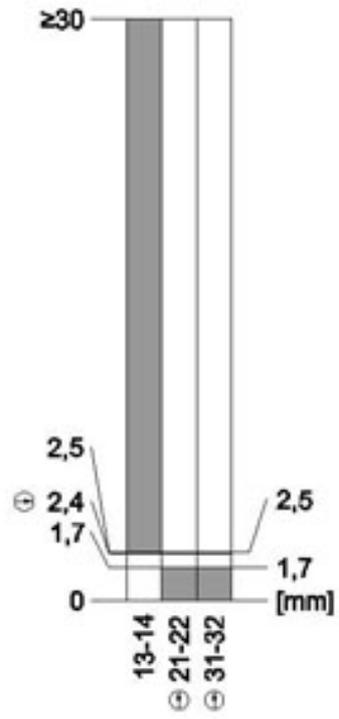
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5232-0QV40-1AA1/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SE5232-0QV40-1AA1](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5232-0QV40-1AA1)





last change:

Feb 18, 2013