



SAFETY POS. SWITCH W. SEPARATE ACTUATOR, PLASTIC ENCLOSURE, 31MM;
1X(M20X1.5) SLOW-ACTION CONTACTS 1NO+2NC,
5 DIRECTIONS OF APPROACH,
THE MATCHING SEPARATE ACTUATOR 3SE5000-0AV0.
IS TO BE ORDERED SEPARATELY

General technical data:

Product designation		position switch with separate actuator
Explosion protection category for dust		none
Insulation voltage		
• Rated value	V	400
Degree of pollution		class 3
Thermal current	A	6
Operating current		
• 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
Continuous current		
• of the slow DIAZED fuse link	A	6
• of the quick DIAZED fuse link	A	10
• of the C characteristic MCB	A	1

Mechanical service life (switching cycles)		
• typical		1,000,000
Electrical endurance (switching cycles)		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical		1,000,000
• at AC-15 / at 230 V / typical		100,000
Electrical operating cycles in one hour		
• with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026		6,000
Repeat accuracy	mm	0.05
Circuit principle		slow-action contacts
Number of NC contacts		
• for auxiliary contacts		2
Design of the switching function		positive opening
Number of NO contacts		
• for auxiliary contacts		1
Vibration resistance		0.35 mm / 5g
Shock resistance		30g / 11 ms
Ambient temperature		
• during operation	°C	-25 ... +85
• during storage	°C	-40 ... +90
Product specification		
• for dimensions		EN 50047
Width of the sensor	mm	31
Material		
• of the enclosure		plastic
Material / of the enclosure / of the switch head		plastic
Design of the operating mechanism		5 directions of approach
Actuating speed	mm/s / m/s	0.4 ... 0.5
Minimum actuating force / in activation direction	N	20
Protection class IP		IP65
mounting position		any
Cable entry type		1x (M20 x 1.5)
Design of the electrical connection		screw-type terminals
Manufacturer article number		

- 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

Reference code

- acc. to DIN 40719 extended according to IEC 204-2
- acc. to DIN EN 61346-2

S
B

Certificates/ approvals:

General Product Approval

Declaration of Conformity

Test Certificates

other



[Special Test
Certificate](#)

[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

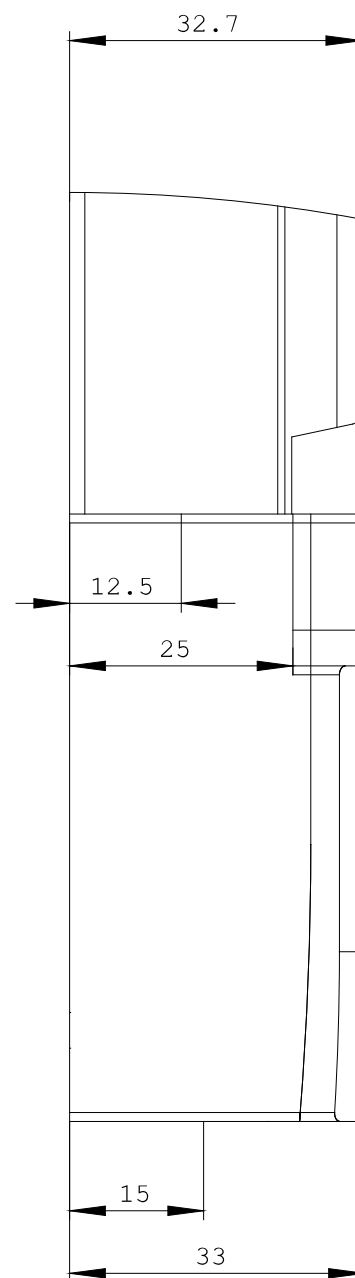
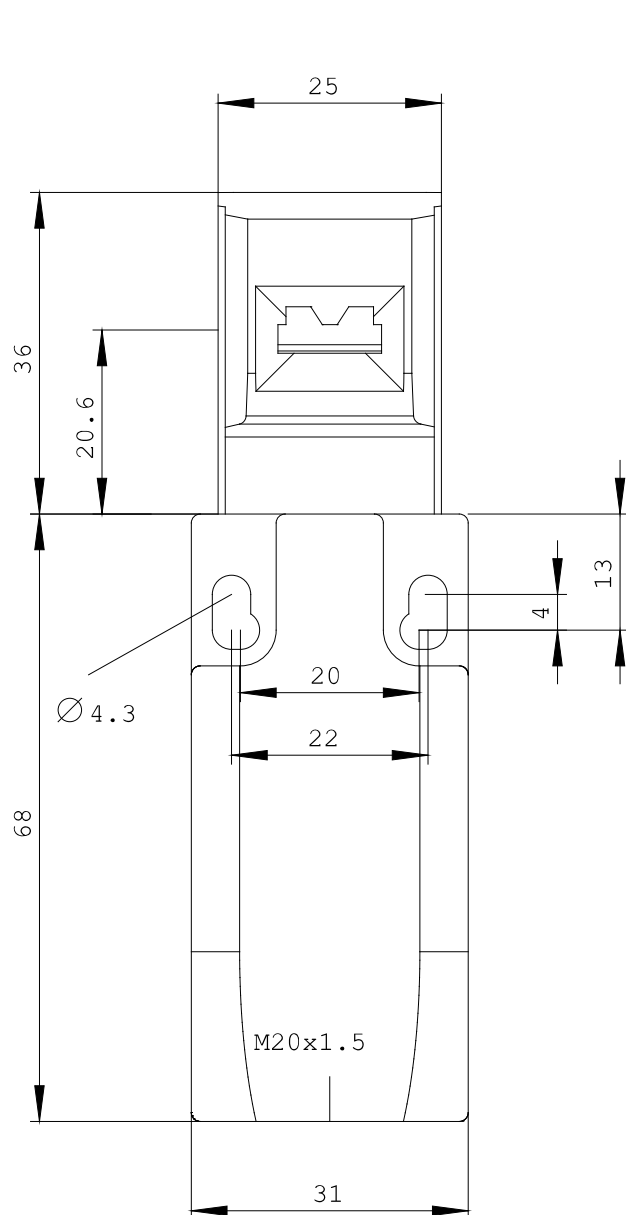
<http://www.siemens.com/cax>

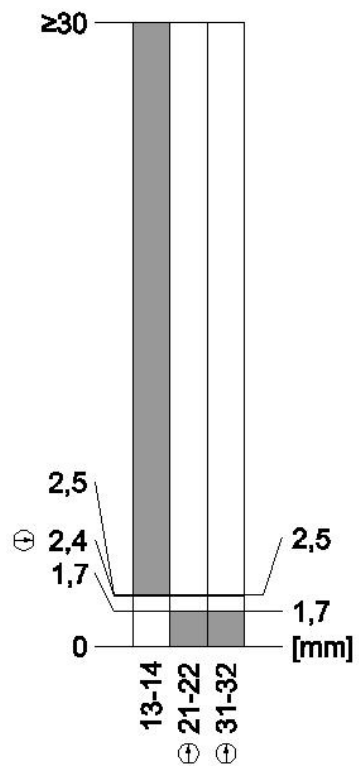
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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





last change:

Sep 29, 2014