



SAFETY POS. SWITCH W. SEPARATE ACTUATOR,
 PLASTIC ENCLOSURE, 31MM;
 1X(M20X1.5) SLOW-ACTION CONTACTS 1NO+1NC,
 2 LEDS YELLOW/GREEN 24V DC,
 5 DIRECTIONS OF APPROACH,
 THE MATCHING SEPARATE ACTUATOR 3SE5000-0AV0.
 IS TO BE ORDERED SEPARATELY

General technical details:		
product designation		position switch with separate actuator
Explosion protection category for dust		none
Type of voltage / of the supply voltage • of the optional LED display		DC
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 • at 125 V / rated value • at 230 V / rated value • at DC-13 • at 24 V / rated value • at 125 V / rated value • at 230 V / rated value	A A A A A A A	6 6 3 3 0.55 0.27
Continuous current • of the slow DIAZED fuse link	A	6

<ul style="list-style-type: none"> • of the quick DIAZED fuse link 	A	10
<ul style="list-style-type: none"> • of the C characteristic circuit breaker 	A	2
Mechanical operating cycles as operating time		
<ul style="list-style-type: none"> • typical 		1,000,000
Electrical operating cycles as operating time		
<ul style="list-style-type: none"> • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical 		10,000,000
<ul style="list-style-type: none"> • at AC-15 / at 230 V / typical 		100,000
Electrical operating cycles in one hour		
<ul style="list-style-type: none"> • with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 		6,000
Repeat accuracy	mm	0.05
Design of the contact element		slow-action contacts
Number of NC contacts		
<ul style="list-style-type: none"> • for auxiliary contacts 		1
Design of the switching function		positive opening
Number of NO contacts		
<ul style="list-style-type: none"> • for auxiliary contacts 		1
Resistance against vibration		0.35 mm / 5g
Resistance against shock		30g / 11 ms
Ambient temperature		
<ul style="list-style-type: none"> • during operating 	°C	-25 ... +60
<ul style="list-style-type: none"> • during storage 	°C	-40 ... +90
Product specification		
<ul style="list-style-type: none"> • for dimensions 		EN 50047
Width of the sensor	mm	31
Material		
<ul style="list-style-type: none"> • of the enclosure 		plastic
Material / of the housing / 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 gland version		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

Item designation

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

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B

Certificates/approvals:

General Product Approval

**Functional Safety /
Safety of
Machinery**

**Declaration of
Conformity**



CCC



GOST



UL



VDE



VDE



EG-Konf.

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:

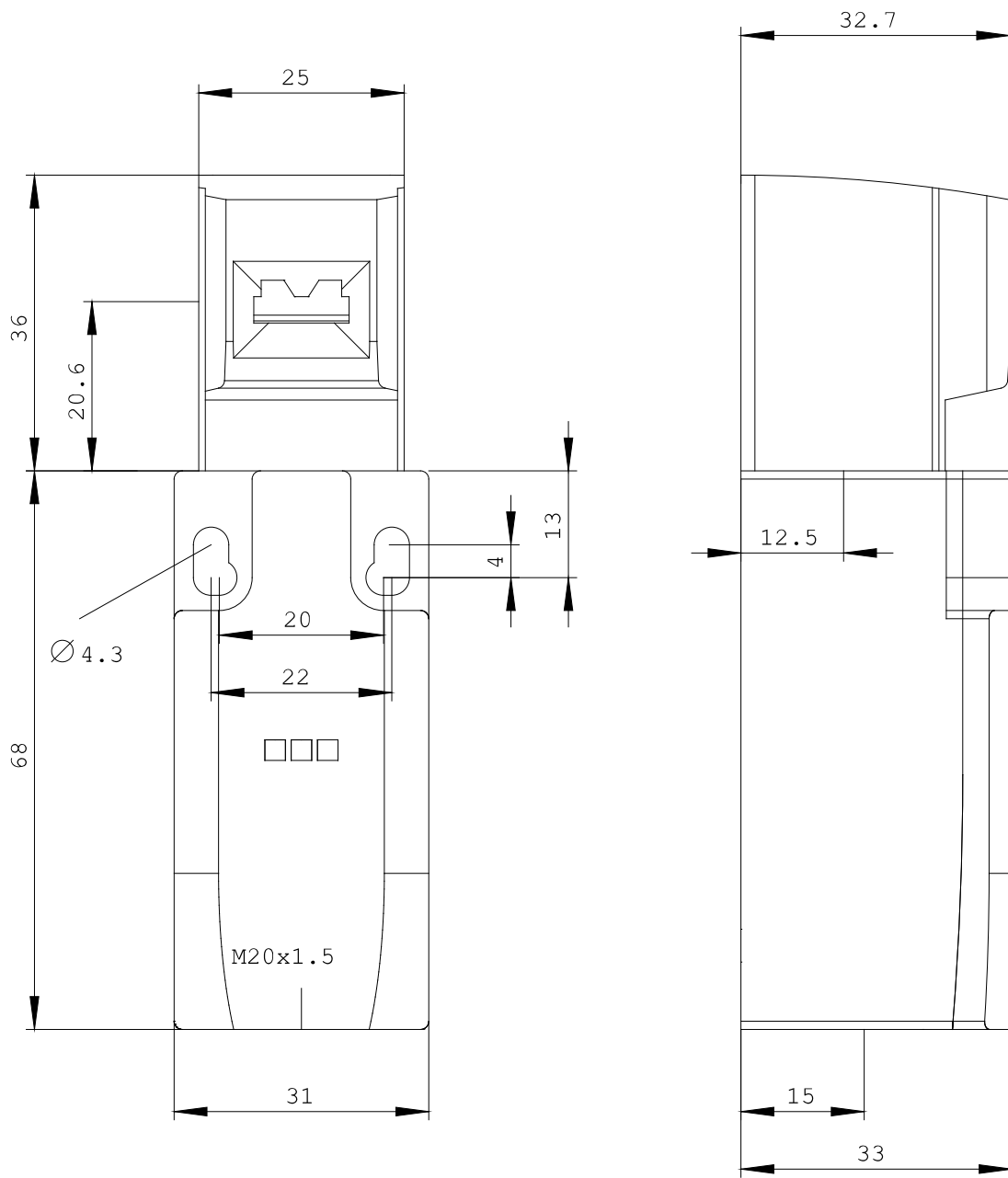
<http://www.siemens.com/cax>

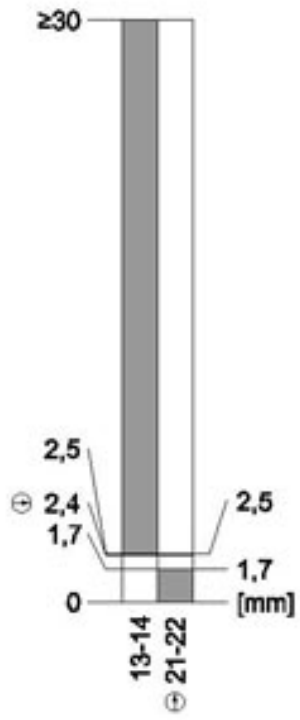
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE5232-1RV40/all>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5232-1RV40





last change:

Feb 18, 2013