

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



Product designation	position switch with separate actuator
Manufacturer article number	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"> of the optional actuators 	

General technical data:	
Product function	
<ul style="list-style-type: none"> positive opening 	Yes
Insulation voltage	
<ul style="list-style-type: none"> Rated value 	400 V
Degree of pollution	class 3
Vibration resistance	
<ul style="list-style-type: none"> acc. to IEC 60068-2-6 	0.35 mm/5g
Surge voltage resistance Rated value	6 kV
Mechanical service life (switching cycles)	
<ul style="list-style-type: none"> typical 	1 000 000
Electrical endurance (switching cycles)	

• at AC-15 at 230 V typical	100 000
Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical	1 000 000
Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026	6 000
Thermal current	6 A
Material of the enclosure of the switch head	plastic
Protection class IP	IP65
Equipment marking	
• acc. to DIN EN 61346-2	B
• acc. to DIN EN 81346-2	B
Active principle	mechanical
Repeat accuracy	0.05 mm
Explosion protection category for dust	none
Explosion protection category for gas	none
Minimum actuating force in activation direction	20 N

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
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Mechanical data:

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

Design of the interface	without
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Ambient conditions:

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

Installation/ mounting/ dimensions:

mounting position	any
Mounting type	screw fixing

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity	Test Certificates
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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

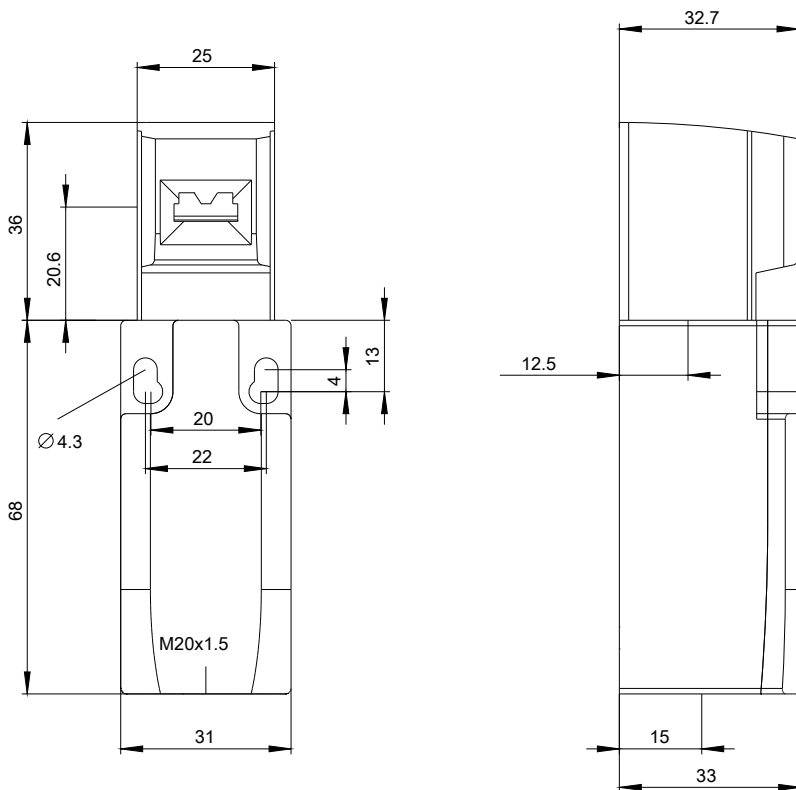
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SE52320QV40>

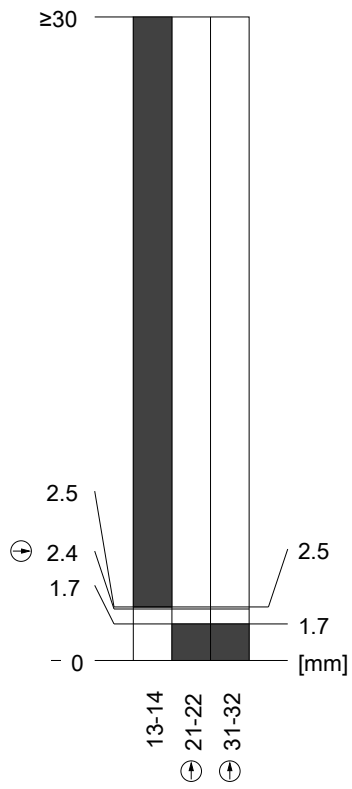
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SE52320QV40>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SE52320QV40&lang=en





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