

SAFETY POS. SWITCH W. SEPARATE ACTUATOR, METAL ENCLOSURE, 31MM; 1X(M20X1.5) SLOW-ACTION CONTACTS 1NO+1NC, 2XLEDS YELLOW/GREEN 230V AC, 5 APPROACH DIRECTIONS, THE SUITABLE SEPARATE ACTUATOR 3SE5000-0AV0. HAS TO ORDERED SEPARATELY

Product designation	position switch with separate actuator	
<b>General technical data:</b>		
<b>Product function</b>		
• positive opening		Yes
<b>Insulation voltage</b>		
• Rated value	V	400
<b>Degree of pollution</b>		class 3
<b>Shock resistance</b>		30g / 11 ms
<b>Vibration resistance</b>		0.35 mm / 5g
<b>Surge voltage resistance Rated value</b>	kV	4
<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>	A	6
<b>Material of the enclosure of the switch head</b>		plastic
<b>Protection class IP</b>		IP66/IP67
<b>Equipment marking</b>		
• acc. to DIN EN 61346-2		B
• acc. to DIN EN 81346-2		B

<b>Active principle</b>		mechanical
<b>Repeat accuracy</b>	mm	0.05
Explosion protection category for dust		none
Explosion protection category for gas		none
Minimum actuating force in activation direction	N	20
<b>Operating current at AC-15</b>		
• at 230 V Rated value	A	3
<b>Operating current</b>		
• at DC-13 at 125 V Rated value	A	0.55
<b>Operating current</b>		
• at DC-13		
— at 24 V Rated value	A	3

#### Enclosure:

<b>Design of the housing</b>		block, narrow
<b>Material of the enclosure</b>		metal
<b>Coating of the enclosure</b>		cathodic immersion coating
<b>Design of the housing acc. to standard</b>		Yes

#### Drive Head:

<b>Design of the operating mechanism</b>		5 directions of approach
<b>Standard-compliant actuator head</b>		EN 50047
<b>Design of the switching function</b>		positive opening

#### Connections/ Terminals:

<b>Type of electrical connection</b>		screw-type terminals
<b>Type of connectable conductor cross-section</b>		
• solid		1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• finely stranded with core end processing		1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• finely stranded without core end processing		1x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.5 ... 0.75 mm <sup>2</sup> )
• for AWG conductors		
— solid		1x (20 ... 16), 2x (20 ... 18)
— stranded		1x (20 ... 16), 2x (20 ... 18)

#### Mechanical data:

<b>Cable entry type</b>		1x (M20 x 1.5)
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#### Communication/ Protocol:

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

<b>Ambient temperature</b>		
• during operation	°C	-25 ... +60
• during storage	°C	-40 ... +90

#### Supply voltage:

<b>Type of voltage of the supply voltage</b>		
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• of the optional LED indicator		AC
<b>Supply voltage</b>		
• of LED	V	230

<b>Installation/ mounting/ dimensions:</b>		
<b>mounting position</b>		any
<b>Mounting type</b>		screw fixing

**Certificates/ approvals:**

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>Test Certificates</b>	<b>other</b>
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[Special Test Certificate](#)

[Confirmation](#)

EG-Konf.

**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**

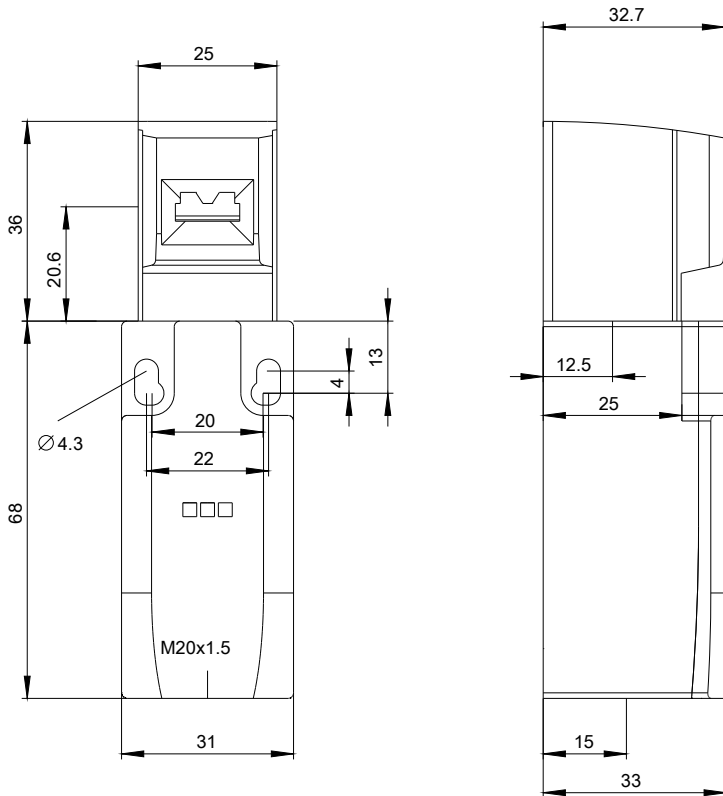
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE52123RV40>

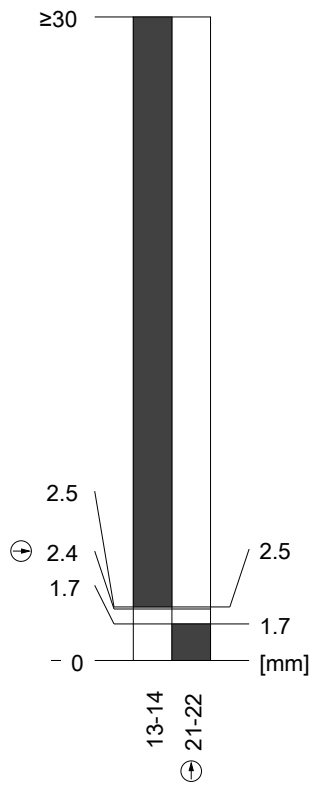
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<http://support.automation.siemens.com/WW/view/en/3SE52123RV40/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE52123RV40&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE52123RV40&lang=en)





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