



SAFETY POS. SWITCH W. SEPARATE ACTUATOR, PLASTIC ENCLOSURE 31MM; TO EN50047, 1NO/1NC SLOW-ACTION CONTACTS W. M12 CONNECTOR, 5-POLE, FIXED UND 2 LEDS YELLOW/GREEN 24V DC, 5 DIRECTIONS OF APPROACH PIN ASSIGNMENT: PIN1=21, PIN2=22, PIN3=14 AND LED GREEN, PIN4=13 AND LED YELLOW, PIN5=GROUND LED, THE MATCHING SEPARATE ACTUATOR 3SE5000-0AV0. IS TO BE ORDERED SEPARATELY

Product designation	position switch with separate actuator
<b>Manufacturer article number</b> <ul style="list-style-type: none"> <li>of the optional actuators</li> </ul>	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

General technical data:		
<b>Product function</b>		
<ul style="list-style-type: none"> <li>positive opening</li> </ul>		Yes
<b>Insulation voltage</b>		
<ul style="list-style-type: none"> <li>Rated value</li> </ul>	V	125
<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	0.8
<b>Mechanical service life (switching cycles)</b>		
<ul style="list-style-type: none"> <li>typical</li> </ul>		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>		IP65

<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</b>		
• at DC-13		
— at 24 V Rated value	A	3

<b>Enclosure:</b>		
<b>Design of the housing</b>		block, narrow
<b>Material of the enclosure</b>		plastic
<b>Coating of the enclosure</b>		Other types
<b>Design of the housing acc. to standard</b>		Yes

<b>Drive Head:</b>		
<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

<b>Connections/ Terminals:</b>		
<b>Type of electrical connection</b>		M12 plug, fixed

<b>Mechanical data:</b>		
<b>Cable entry type</b>		M12 plug
<b>Design of plug-in connection</b>		M12 plug, 5-pole: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13, Pin 4 = 14, Pin 5 = ground LED

<b>Communication/ Protocol:</b>		
<b>Design of the interface</b>		without

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

<b>Supply voltage:</b>		
<b>Type of voltage of the supply voltage</b>		
• of the optional LED indicator		DC
<b>Supply voltage</b>		
• of LED	V	24

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

Certificates/ approvals:

General Product Approval	Declaration of Conformity	Test Certificates
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[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/industrymall>

Cax online generator

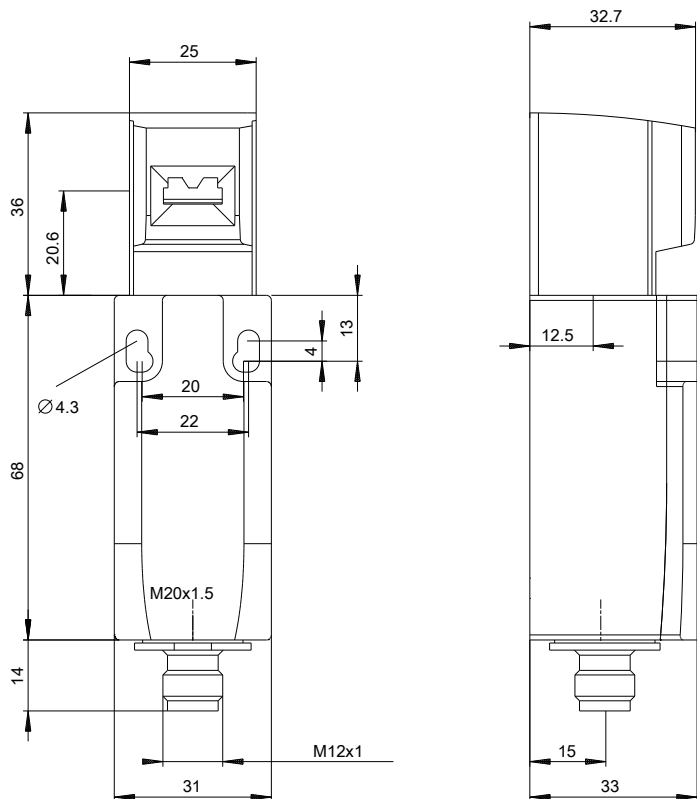
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE52341RV401AF3>

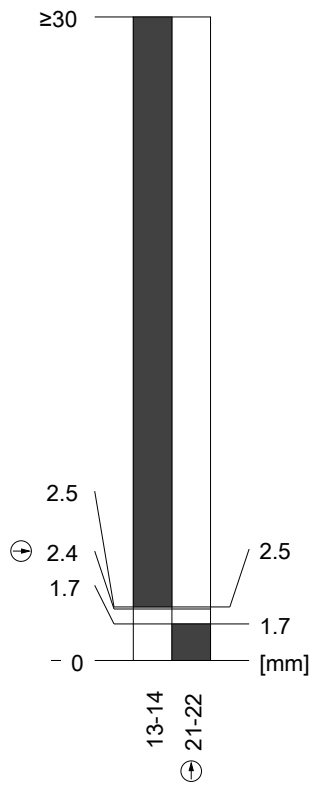
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE52341RV401AF3/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=3SE52341RV401AF3&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE52341RV401AF3&lang=en)





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