



SAFETY POS. SWITCH W. SEPARATE ACTUATOR,  
METAL HOUSING, 56MM,  
DEVICE CONNECTION 3X(M20X1.5) SLOW-ACTION  
CONTACTS 1NC/2NO;  
W. 2 LEDS 24V DC YELLOW/GREEN 5 DIRECTIONS OF  
APPROACH

**General technical details:**

<b>product designation</b>		position switch with separate actuator
<b>Explosion protection category for dust</b>		none
<b>Type of voltage / of the supply voltage</b> • of the optional LED display		DC
<b>Insulation voltage</b> • rated value	V	400
<b>Degree of pollution</b>		class 3
<b>Thermal current</b>	A	6
<b>Operating current</b> • at DC-13 • at 24 V / rated value	A	3
<b>Continuous current</b> • of the slow DIAZED fuse link • of the quick DIAZED fuse link • of the C characteristic circuit breaker	A A A	6 10 1
<b>Mechanical operating cycles as operating time</b> • typical		1,000,000
<b>Electrical operating cycles as operating time</b>		

<ul style="list-style-type: none"> <li>with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 / typical</li> </ul>		1,000,000
<b>Electrical operating cycles in one hour</b> <ul style="list-style-type: none"> <li>with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026</li> </ul>		6,000
<b>Repeat accuracy</b>	mm	0.05
<b>Design of the contact element</b>		slow-action contacts
<b>Number of NC contacts</b> <ul style="list-style-type: none"> <li>for auxiliary contacts</li> </ul>		2
<b>Design of the switching function</b>		positive opening
<b>Number of NO contacts</b> <ul style="list-style-type: none"> <li>for auxiliary contacts</li> </ul>		1
<b>Resistance against vibration</b>		0.35 mm / 5g
<b>Resistance against shock</b>		30g / 11 ms
<b>Ambient temperature</b> <ul style="list-style-type: none"> <li>during operating</li> <li>during storage</li> </ul>	°C	-25 ... +60
	°C	-40 ... +90
<b>Width of the sensor</b>	mm	56
<b>Material</b> <ul style="list-style-type: none"> <li>of the enclosure</li> </ul>		metal
<b>Material / of the housing / of the switch head</b>		metal
<b>Design of the operating mechanism</b>		5 directions of approach
<b>Actuating speed</b>	mm/s / m/s	0.4 ... 0.5
<b>Minimum actuating force / in activation direction</b>	N	20
<b>Protection class IP</b>		IP66/IP67
<b>mounting position</b>		any
<b>Cable gland version</b>		3 x (M20 x 1.5)
<b>Design of the electrical connection</b>		screw-type terminals
<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
<b>Item designation</b> <ul style="list-style-type: none"> <li>according to DIN 40719 extendable after IEC 204-2</li> <li>according to DIN EN 61346-2</li> </ul>		S B

#### Certificates/approvals:

General Product Approval	Functional Safety / Safety of Machinery	Declaration of Conformity	other
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[Confirmation](#)

**Further information:**

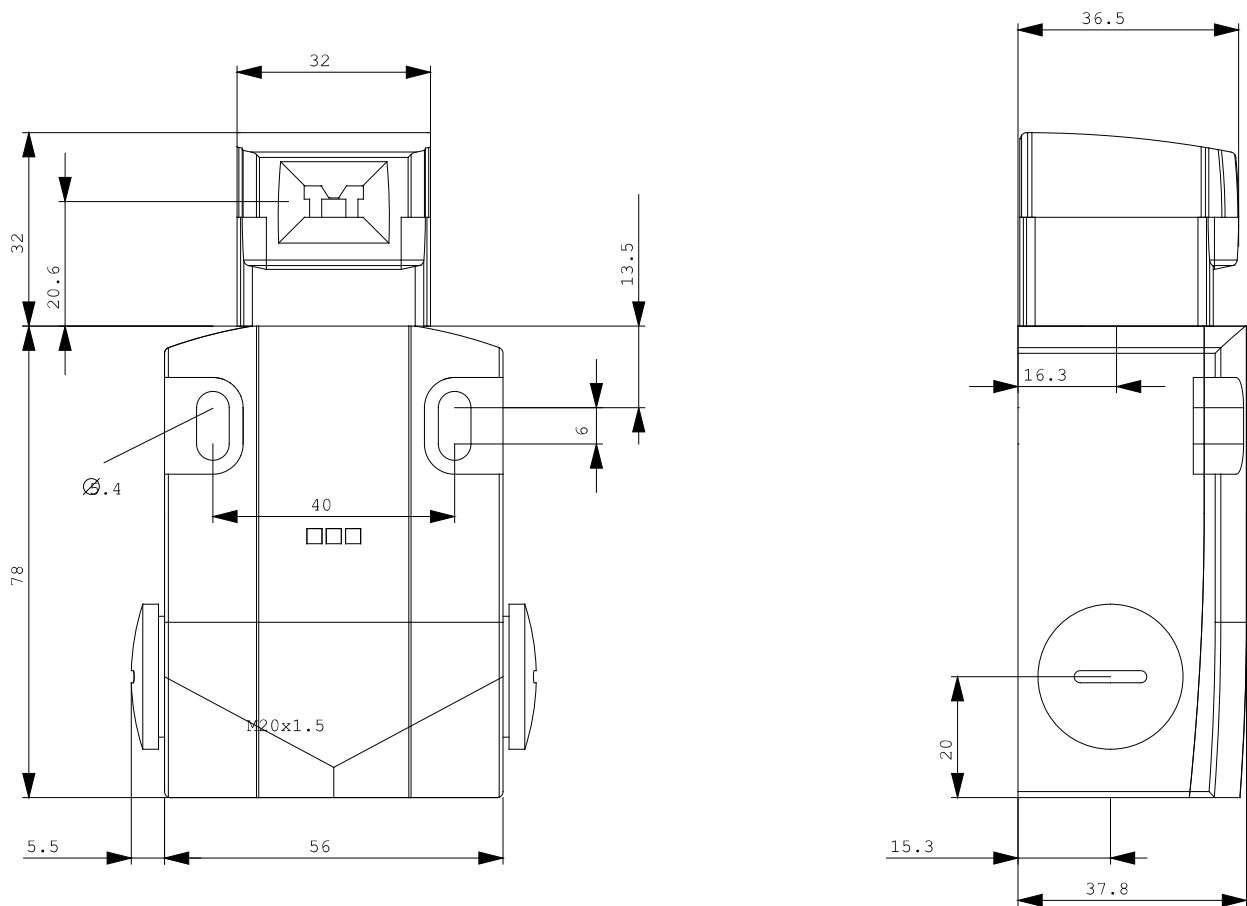
**Information- and Downloadcenter (Catalogs, Brochures,...)**  
<http://www.siemens.com/industrial-controls/catalogs>

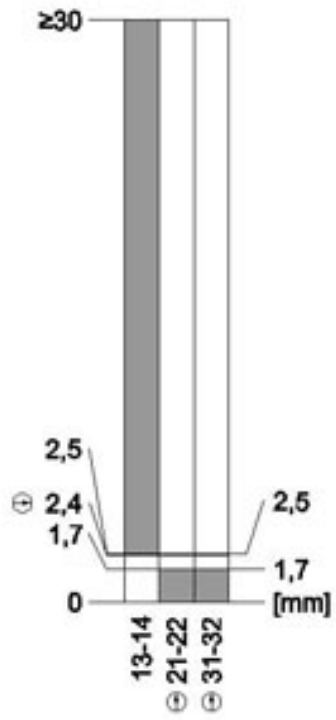
**Industry Mall (Online ordering system)**  
<http://www.siemens.com/industrial-controls/mall>

**CAX-Online-Generator**  
<http://www.siemens.com/cax>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<http://support.automation.siemens.com/WW/view/en/3SE5122-1QV10/all>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_en.aspx?mlfb=3SE5122-1QV10](http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3SE5122-1QV10)





last change:

Oct 7, 2013