

SAFETY POSITION SWITCH WITH SEPARATE ACTUATOR, 5 DIRECTIONS OF APPROACH METAL ENCLOSURE, ACC. TO EN50047, ASISAFE INTEGRATED AS-I STATUS:1:F-IN1 , 2:F-IN2 3:AS-I/FAULT SLOW-ACTION CONTACTS 2NC, WITH M12 CONNECTOR 4-POLE CHANNEL 1 ON NC,CHANNEL 2 ON NC

Product designation		position switch with separate actuator with ASIsafe
<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 fixing, 3SE5000-0AV03 actuator with transverse fixing, 3SE5000-0AV04 radius actuator left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator right

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	30
<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>Material of the enclosure of the switch head</b>		plastic enclosure
<b>Protection class IP</b>		IP66/IP67
<b>Equipment marking</b>		
<ul style="list-style-type: none"> <li>acc. to DIN EN 61346-2</li> <li>acc. to DIN EN 81346-2</li> </ul>		B B
<b>Active principle</b>		mechanical
<b>Repeat accuracy</b>	mm	0.1
Minimum actuating force in activation direction	N	20

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:

Design of the operating mechanism		5 directions of approach
Design of the switching function		positive opening

#### Connections/ Terminals:

Type of electrical connection		M12 plug, fixed, 4-pole
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#### Mechanical data:

Design of plug-in connection		M12 plug, 4-pole: Pin 1 = ASI+ , Pin 2 = not assigned, Pin 3= ASI-, Pin 4 = not assigned
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#### Ambient conditions:

<b>Ambient temperature</b>		
• during operation	°C	-25 ... +60
• during storage	°C	-40 ... +80

#### Supply voltage:

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

#### Installation/ mounting/ dimensions:

mounting position		any
Mounting type		screw fixing

#### Certificates/ approvals:

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

#### 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**

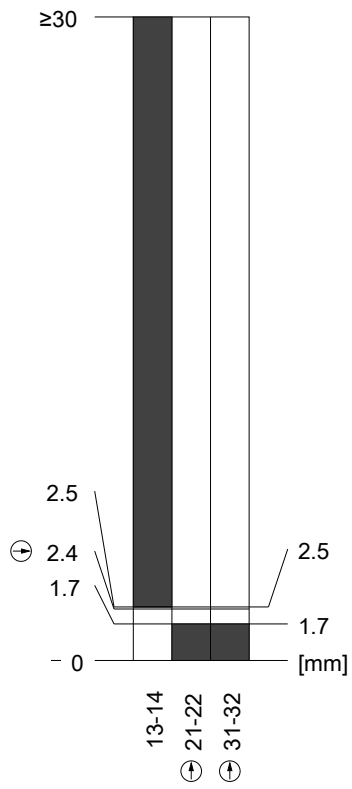
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SF12141QV401BA1>

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

<http://support.automation.siemens.com/WW/view/en/3SF12141QV401BA1/all>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SF12141QV401BA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SF12141QV401BA1&lang=en)



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