

CONTACT MODULE WITH 1 CONTACT ELEMENT, 1NC, SCREW TERMINAL, FOR FRONT PLATE MOUNTING



Figure similar

product brand name	SIRIUS ACT
Product designation	Commanding and signaling devices
Design of the product	Contact module

Contact block/ lampholder:

<b>Suitability for integration</b>	
<ul style="list-style-type: none"> <li>• pressure selection button</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• front element</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Pendant pushbutton</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• Pendant switch</li> </ul>	Yes

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>	500 V
<b>Degree of pollution</b>	3
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	

<ul style="list-style-type: none"> <li>• of the enclosure</li> <li>• of the terminal</li> </ul>	<p>IP40</p> <p>IP20</p>
<b>Shock resistance</b> <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul>	<p>Sinusoidal half-wave 50 g / 11 ms</p> <p>Category 1, Class B</p>
<b>Vibration resistance</b> <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul>	<p>10 ... 500 Hz: 5g</p> <p>Category 1, Class B</p>
<b>Operating frequency maximum</b>	3 600 1/h
<b>Mechanical service life (switching cycles)</b>	
<ul style="list-style-type: none"> <li>• typical</li> </ul>	10 000 000
<b>Electrical endurance (switching cycles)</b>	
<ul style="list-style-type: none"> <li>• typical</li> </ul>	10 000 000
<b>Thermal current</b>	10 A
<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>	<p>S</p> <p>S</p>
<b>Continuous current of the C characteristic MCB</b>	10 A

#### Main circuit:

<b>Operating voltage</b>	
<ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul> </li> <li>• at DC <ul style="list-style-type: none"> <li>— rated value</li> </ul> </li> </ul>	<p>5 ... 500 V</p> <p>5 ... 500 V</p> <p>5 ... 500 V</p>

#### Power Electronics:

<b>Contact reliability</b>	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
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#### Auxiliary circuit:

<b>Design of the contact of auxiliary contacts</b>	Silver alloy
<b>Number of NC contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> <li>— lagging switching</li> </ul>	<p>1</p> <p>0</p>
<b>Number of NO contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> <li>— leading contact</li> </ul>	<p>0</p> <p>0</p>
<b>Number of CO contacts</b>	
<ul style="list-style-type: none"> <li>• for auxiliary contacts</li> </ul>	0
<b>Operating current at AC-12</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 48 V rated value</li> </ul>	<p>10 A</p> <p>10 A</p>

<ul style="list-style-type: none"> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> <li>• at 400 V rated value</li> </ul>	<p>10 A</p> <p>8 A</p> <p>8 A</p>
<b>Operating current at AC-15</b> <ul style="list-style-type: none"> <li>• at 230 V rated value</li> <li>• at 400 V rated value</li> </ul>	<p>6 A</p> <p>3 A</p>
<b>Operating current at DC-12</b> <ul style="list-style-type: none"> <li>• at 110 V rated value</li> </ul>	<p>2.5 A</p>
<b>Operating current at DC-13</b> <ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 110 V rated value</li> <li>• at 400 V rated value</li> </ul>	<p>3 A</p> <p>0.7 A</p> <p>0.1 A</p>

#### Connections/ Terminals:

<b>Type of electrical connection</b>	screw-type terminals
<b>Type of connectable conductor cross-sections</b> <ul style="list-style-type: none"> <li>• solid with core end processing</li> <li>• solid without core end processing</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> <li>• at AWG conductors</li> </ul>	<p>2x (0.5 ... 0.75 mm<sup>2</sup>)</p> <p>2x (1.0 ... 1.5 mm<sup>2</sup>)</p> <p>2x (0.5 ... 1.5 mm<sup>2</sup>)</p> <p>2x (1,0 ... 1,5 mm<sup>2</sup>)</p> <p>2x (18 ... 14)</p>
<b>Connectable conductor cross-section</b> <ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>	<p>0.5 ... 1.5 mm<sup>2</sup></p>
<b>Tightening torque</b> <ul style="list-style-type: none"> <li>• with screw-type terminals</li> </ul>	<p>0.8 ... 0.9 N·m</p>

#### Ambient conditions:

<b>Ambient temperature</b> <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	<p>-25 ... +70 °C</p> <p>-40 ... +80 °C</p>
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#### Installation/ mounting/ dimensions:

<b>Mounting type</b> <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	<p>Front plate mounting</p>
<b>Height</b>	33.2 mm
<b>Width</b>	9.8 mm
<b>Depth</b>	27.7 mm

#### Certificates/approvals



Test Certificates

other

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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1400-1AA10-1CA0>

Cax online generator

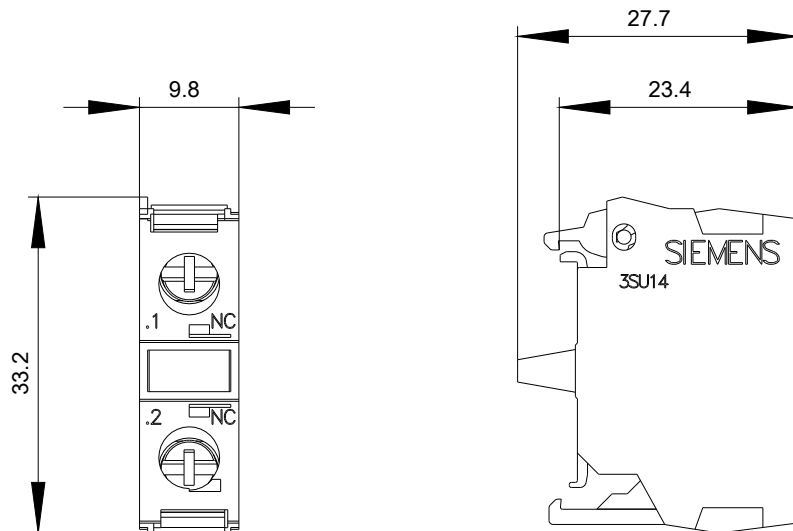
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-1CA0>

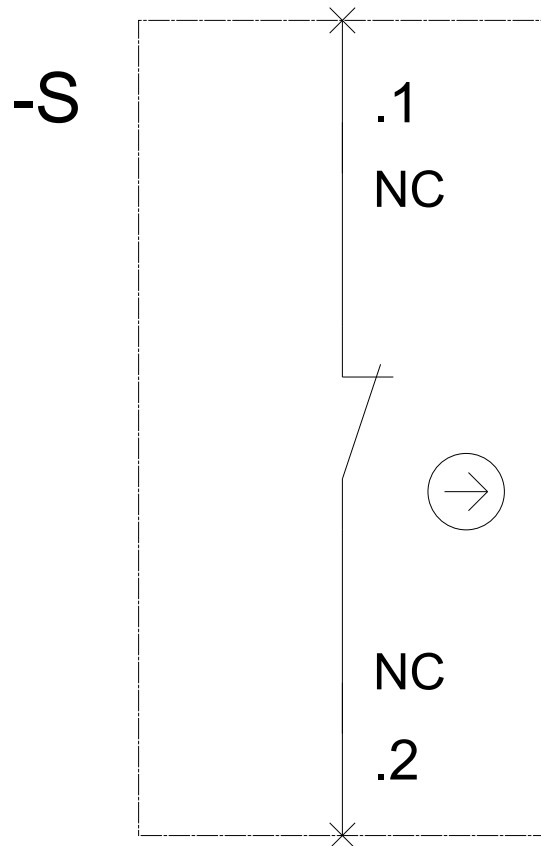
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-1CA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1400-1AA10-1CA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-1CA0&lang=en)





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