

CONTACT MODULE WITH 1 CONTACT ELEMENT, 1NC, SPRING-TYPE TERMINAL, FOR BASE 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> <li>• front element</li> <li>• Pendant pushbutton</li> <li>• Pendant switch</li> </ul>	<p>Yes</p> <p>No</p> <p>Yes</p> <p>Yes</p>

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> </ul>	IP40

• of the terminal	IP20
<b>Shock resistance</b>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>Operating frequency maximum</b>	3 600 1/h
<b>Mechanical service life (switching cycles)</b>	
• typical	10 000 000
<b>Electrical endurance (switching cycles)</b>	
• typical	10 000 000
<b>Thermal current</b>	10 A
<b>Equipment marking</b>	
• acc. to DIN EN 61346-2	S
• acc. to DIN EN 81346-2	S
<b>Continuous current of the C characteristic MCB</b>	10 A

#### Main circuit:

<b>Operating voltage</b>	
• at AC	
— at 50 Hz rated value	5 ... 500 V
— at 60 Hz rated value	5 ... 500 V
• at DC	
— rated value	5 ... 500 V

#### 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>	
• for auxiliary contacts	1
— lagging switching	0
<b>Number of NO contacts</b>	
• for auxiliary contacts	0
— leading contact	0
<b>Number of CO contacts</b>	
• for auxiliary contacts	0
<b>Operating current at AC-12</b>	
• at 24 V rated value	10 A
• at 48 V rated value	10 A
• at 110 V rated value	10 A

<ul style="list-style-type: none"> <li>• at 230 V rated value</li> <li>• at 400 V rated value</li> </ul>	<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>	spring-loaded terminals
<b>Type of connectable conductor cross-sections</b> <ul style="list-style-type: none"> <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 (0.25 ... 1.5 mm<sup>2</sup>)</p> <p>2x (0.25 ... 0.75 mm<sup>2</sup>)</p> <p>2x (0.25 ... 1.5 mm<sup>2</sup>)</p> <p>2x (24 ... 16)</p>
<b>Connectable conductor cross-section</b> <ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>	<p>0.25 ... 0.75 mm<sup>2</sup></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>
<b>Environmental category during operation acc. to IEC 60721</b>	<p>3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted)</p>

Installation/ mounting/ dimensions:	
<b>Mounting type</b> <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	<p>Floor mounting</p>
<b>Height</b>	36 mm
<b>Width</b>	9.8 mm
<b>Depth</b>	27.7 mm

Certificates/approvals
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General Product Approval	Declaration of Conformity	Test Certificates
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[Werksbescheinigung](#)

Test Certificates	other
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[spezielle Prüfbescheinigung](#)  
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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?mfb=3SU14002AA103CA0>

#### Cax online generator

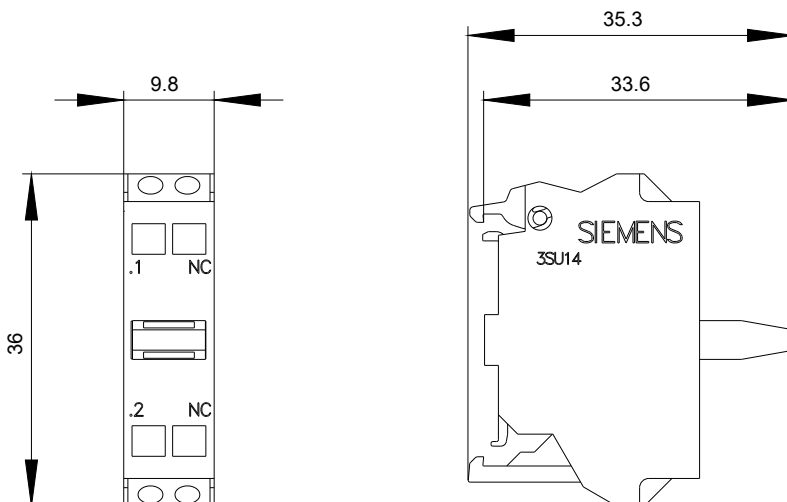
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU14002AA103CA0>

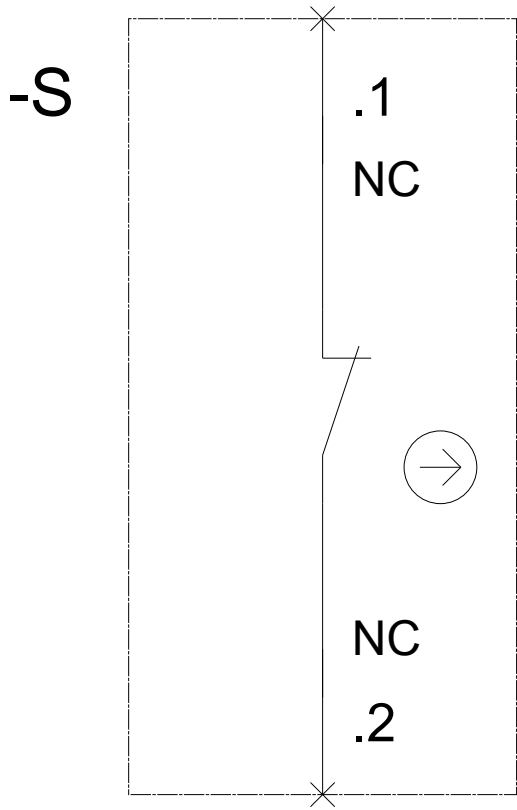
#### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU14002AA103CA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mfb=3SU14002AA103CA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU14002AA103CA0&lang=en)





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