

CONTACT MODULE WITH 2 CONTACT ELEMENTS, 1NO+1NC,  
SCREW TERMINAL, FOR FRONT PLATE MOUNTING



Figure similar

<b>product brandname</b>	SIRIUS ACT
<b>General technical data</b>	
<b>Product function</b>	
• positive opening	Yes
<b>Insulation voltage</b>	
• rated value	500 V
<b>Degree of pollution</b>	3
<b>Surge voltage resistance rated value</b>	6 kV
<b>Protection class IP</b>	
• of the enclosure	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	1
— leading contact	0
<b>Number of CO contacts</b>	
• for auxiliary contacts	1
<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
• at 230 V rated value	8 A
• at 400 V rated value	8 A
<b>Operating current at AC-15</b>	
• at 24 V rated value	6 A
• at 48 V rated value	6 A
• at 110 V rated value	6 A
• at 230 V rated value	6 A

<ul style="list-style-type: none"> <li>• at 400 V rated value</li> <li>• at 500 V rated value</li> </ul>	<p>3 A</p> <p>1.4 A</p>
<b>Operating current at DC-12</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 48 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> <li>• at 400 V rated value</li> <li>• at 500 V rated value</li> </ul>	<p>10 A</p> <p>5 A</p> <p>2.5 A</p> <p>1 A</p> <p>0.3 A</p> <p>0.3 A</p>
<b>Operating current at DC-13</b>	
<ul style="list-style-type: none"> <li>• at 24 V rated value</li> <li>• at 48 V rated value</li> <li>• at 110 V rated value</li> <li>• at 230 V rated value</li> <li>• at 400 V rated value</li> <li>• at 500 V rated value</li> </ul>	<p>3 A</p> <p>1.5 A</p> <p>0.7 A</p> <p>0.3 A</p> <p>0.1 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>Tightening torque</b>	
<ul style="list-style-type: none"> <li>• with screw-type terminals</li> </ul>	0.8 ... 0.9 N·m

### 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>	3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 ... 95%, no condensation in operation permitted)

### Installation/ mounting/ dimensions

<b>Mounting type</b>	
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	Front plate mounting
<b>Height</b>	34 mm
<b>Width</b>	9.8 mm
<b>Depth</b>	49.7 mm

### Certificates/approvals



## Test Certificates

## other

[Werksbescheinigung](#)  
[gen](#)

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[n](#)

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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=3SU1400-1AA10-1FA0>

## Cax online generator

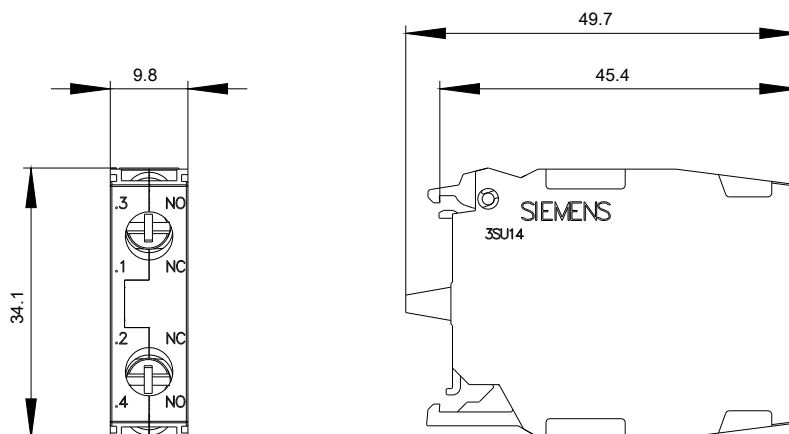
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-1FA0>

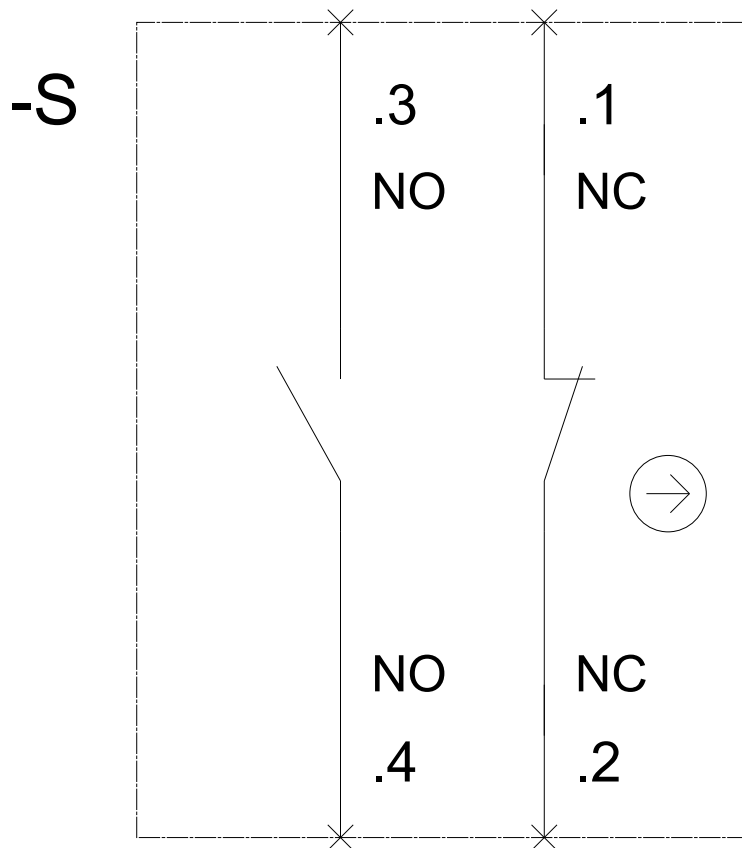
## Service&amp;Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-1FA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1400-1AA10-1FA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-1FA0&lang=en)





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