## 3SU1400-1AA10-1CA0

**Data sheet** 



Contact module with 1 contact element, 1 NC, screw terminal, for front plate mounting, Minimum order quantity 5 or a multiple of this  $\,$ 

product brand name	SIRIUS ACT
product designation	Contact module
product type designation	3SU1
Contact block/ lampholder	
socket design	other
General technical data	
product function positive opening	Yes
insulation voltage rated value	500 V
degree of pollution	3
type of voltage	
of the operating voltage	AC/DC
of the input voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	
of the enclosure	IP40
of the terminal	IP20
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 500 Hz: 5g
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
operating frequency maximum	3 600 1/h
mechanical service life (operating cycles) typical	10 000 000
electrical endurance (operating cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• 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	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	1

lagging switching	0
number of NO contacts for auxiliary contacts	0
leading contact	0
operational current at AC-12	
<ul><li>at 24 V rated value</li></ul>	10 A
<ul> <li>at 48 V rated value</li> </ul>	10 A
<ul> <li>at 110 V rated value</li> </ul>	10 A
<ul> <li>at 230 V rated value</li> </ul>	8 A
at 400 V rated value	8 A
operational current at AC-15	
<ul> <li>at 24 V rated value</li> </ul>	6 A
<ul> <li>at 48 V rated value</li> </ul>	6 A
<ul> <li>at 110 V rated value</li> </ul>	6 A
<ul> <li>at 230 V rated value</li> </ul>	6 A
• at 400 V rated value	3 A
at 500 V rated value	1.4 A
operational current at DC-12	
at 24 V rated value	10 A
at 48 V rated value	5 A
at 110 V rated value	2.5 A
at 230 V rated value	1 A
at 400 V rated value	0.3 A
at 500 V rated value     at 500 V rated value	0.3 A
operational current at DC-13	0.071
at 24 V rated value	3 A
• at 48 V rated value	1.5 A
• at 110 V rated value	0.7 A
at 230 V rated value	0.7 A 0.3 A
	0.3 A 0.1 A
<ul> <li>at 400 V rated value</li> </ul>	U.TA
at FOO V rated value	0.4.4
at 500 V rated value  Connections/ Torminals	0.1 A
Connections/ Terminals	
Connections/ Terminals type of electrical connection	0.1 A screw-type terminals
Connections/ Terminals type of electrical connection type of connectable conductor cross-sections	screw-type terminals
type of electrical connection  type of connectable conductor cross-sections  • solid with core end processing	screw-type terminals  2x (0.5 0.75 mm²)
type of electrical connection  type of connectable conductor cross-sections  • solid with core end processing  • solid without core end processing	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²)
type of electrical connection  type of connectable conductor cross-sections  • solid with core end processing  • solid without core end processing  • finely stranded with core end processing	2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²)
type of electrical connection  type of connectable conductor cross-sections  • solid with core end processing  • solid without core end processing  • finely stranded with core end processing  • finely stranded without core end processing	screw-type terminals  2x (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (0.5 1.5 mm²)  2x (1.0 1,5 mm²)
type of electrical connection  type of connectable conductor cross-sections  • solid with core end processing  • solid without core end processing  • finely stranded with core end processing  • finely stranded without core end processing  • for AWG cables	screw-type terminals  2x (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (0.5 1.5 mm²)  2x (1,0 1,5 mm²)  2x (1,0 1,4)
type of electrical connection  type of connectable conductor cross-sections  • solid with core end processing  • solid without core end processing  • finely stranded with core end processing  • finely stranded without core end processing  • for AWG cables  tightening torque with screw-type terminals	screw-type terminals  2x (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (0.5 1.5 mm²)  2x (1.0 1,5 mm²)
type of electrical connection  type of connectable conductor cross-sections	screw-type terminals  2x (0.5 0.75 mm²)  2x (1.0 1.5 mm²)  2x (0.5 1.5 mm²)  2x (1,0 1,5 mm²)  2x (1,0 1,4)
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type of electrical connection  type of connectable conductor cross-sections	screw-type terminals  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 0.8 0.9 N·m
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type of electrical connection  type of connectable conductor cross-sections	screw-type terminals  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 0.8 0.9 N⋅m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10
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type of electrical connection  type of connectable conductor cross-sections	screw-type terminals  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted)  front plate mounting Front plate mounting Front plate mounting 33.2 mm 9.8 mm
type of electrical connection  type of connectable conductor cross-sections	screw-type terminals  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted)  front plate mounting Front plate mounting Front plate mounting 33.2 mm 9.8 mm
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type of electrical connection  type of connectable conductor cross-sections	screw-type terminals  2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 0.8 0.9 N·m  -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted)  front plate mounting Front plate mounting 33.2 mm 9.8 mm 27.7 mm  Yes
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Confirmation





<u>KC</u>







Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping

other Environment







Confirmation

Environmental Confirmations

## Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

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

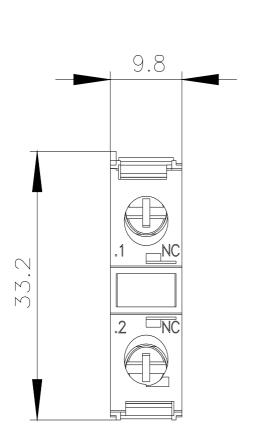
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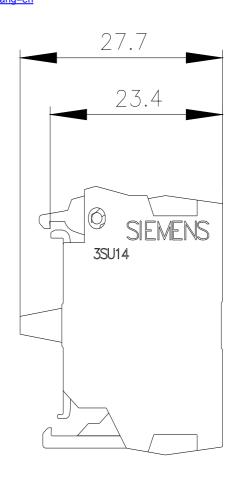
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1400-1AA10-1CA0}\\$ 

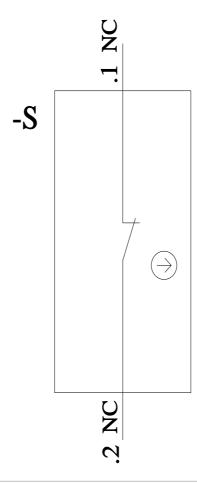
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=3SU1400-1AA10-1CA0&lang=en







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