

CONTACT MODULE WITH 1 CONTACT ELEMENT, 1NC,
INSTALLATION MONITORING CONT., SCREW TERMINAL, FOR
FRONT PLATE MOUNTING



Figure similar

Product brand name	SIRIUS ACT
Product designation	Contact module
Product type designation	3SU1

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	

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

Main circuit

Operating voltage	
<ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — at 50 Hz rated value — at 60 Hz rated value • at DC <ul style="list-style-type: none"> — rated value 	5 ... 500 V 5 ... 500 V 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)
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Auxiliary circuit

Design of the contact of auxiliary contacts	Silver alloy
Number of NC contacts	
<ul style="list-style-type: none"> • for auxiliary contacts — lagging switching 	1 0
Number of NO contacts	
<ul style="list-style-type: none"> • for auxiliary contacts — leading contact 	0 0
Number of CO contacts	
<ul style="list-style-type: none"> • for auxiliary contacts 	0
Operating current at AC-12	
<ul style="list-style-type: none"> • at 24 V rated value • at 48 V rated value • at 110 V rated value • at 230 V rated value • at 400 V rated value 	10 A 10 A 10 A 8 A 6 A
Operating current at AC-15	
<ul style="list-style-type: none"> • at 24 V rated value • at 48 V rated value 	6 A 6 A

<ul style="list-style-type: none"> • at 110 V rated value • at 230 V rated value • at 400 V rated value • at 500 V rated value 	6 A 4 A 3 A 1.4 A
Operating current at DC-12	
<ul style="list-style-type: none"> • at 24 V rated value • at 48 V rated value • at 110 V rated value • at 230 V rated value • at 400 V rated value • at 500 V rated value 	10 A 5 A 2.5 A 0.3 A 0.3 A 0.2 A
Operating current at DC-13	
<ul style="list-style-type: none"> • at 24 V rated value • at 48 V rated value • at 110 V rated value • at 230 V rated value • at 400 V rated value • at 500 V rated value 	3 A 1.5 A 0.6 A 0.3 A 0.1 A 0.1 A

Connections/Terminals

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

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation • during storage 	-25 ... +70 °C -40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 ... 95%, no condensation in operation permitted)

Installation/ mounting/ dimensions

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

Certificates/approvals

General Product Approval				Declaration of Conformity	Test Certificates
					Declaration of the Compliance with the order
CCC	CSA	UL		EG-Konf.	

Test Certificates	other
Special Test Certificate	Confirmation

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=3SU1400-1AA10-1HA0>

Cax online generator

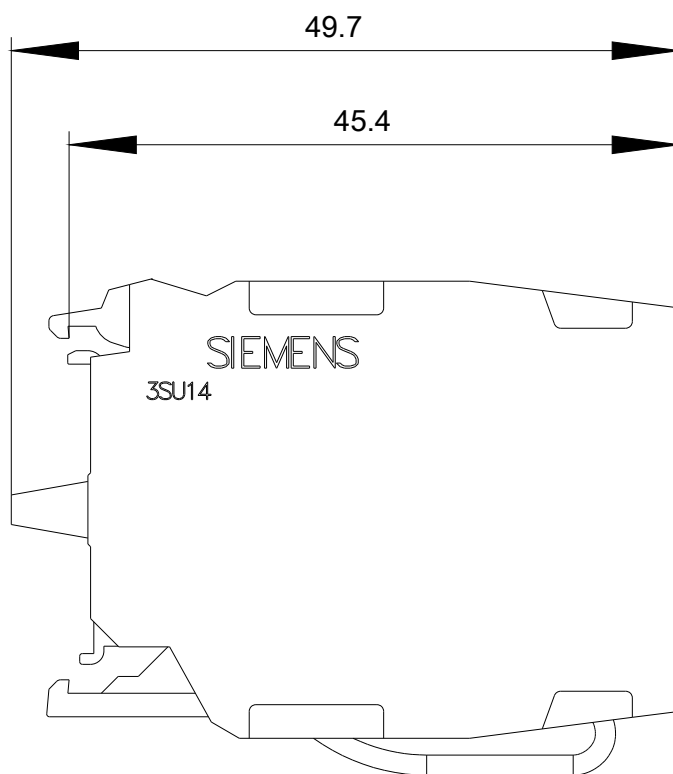
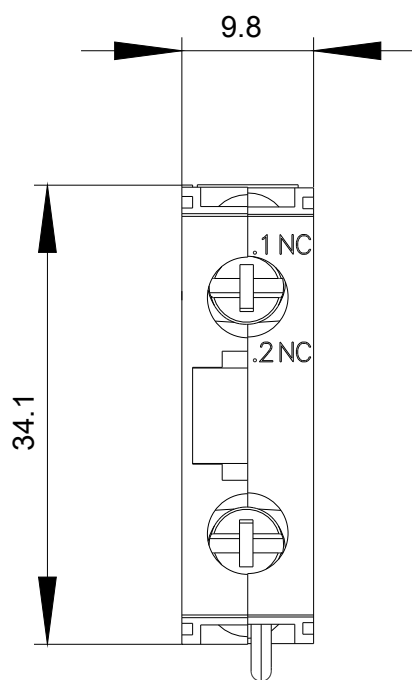
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-1HA0>

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

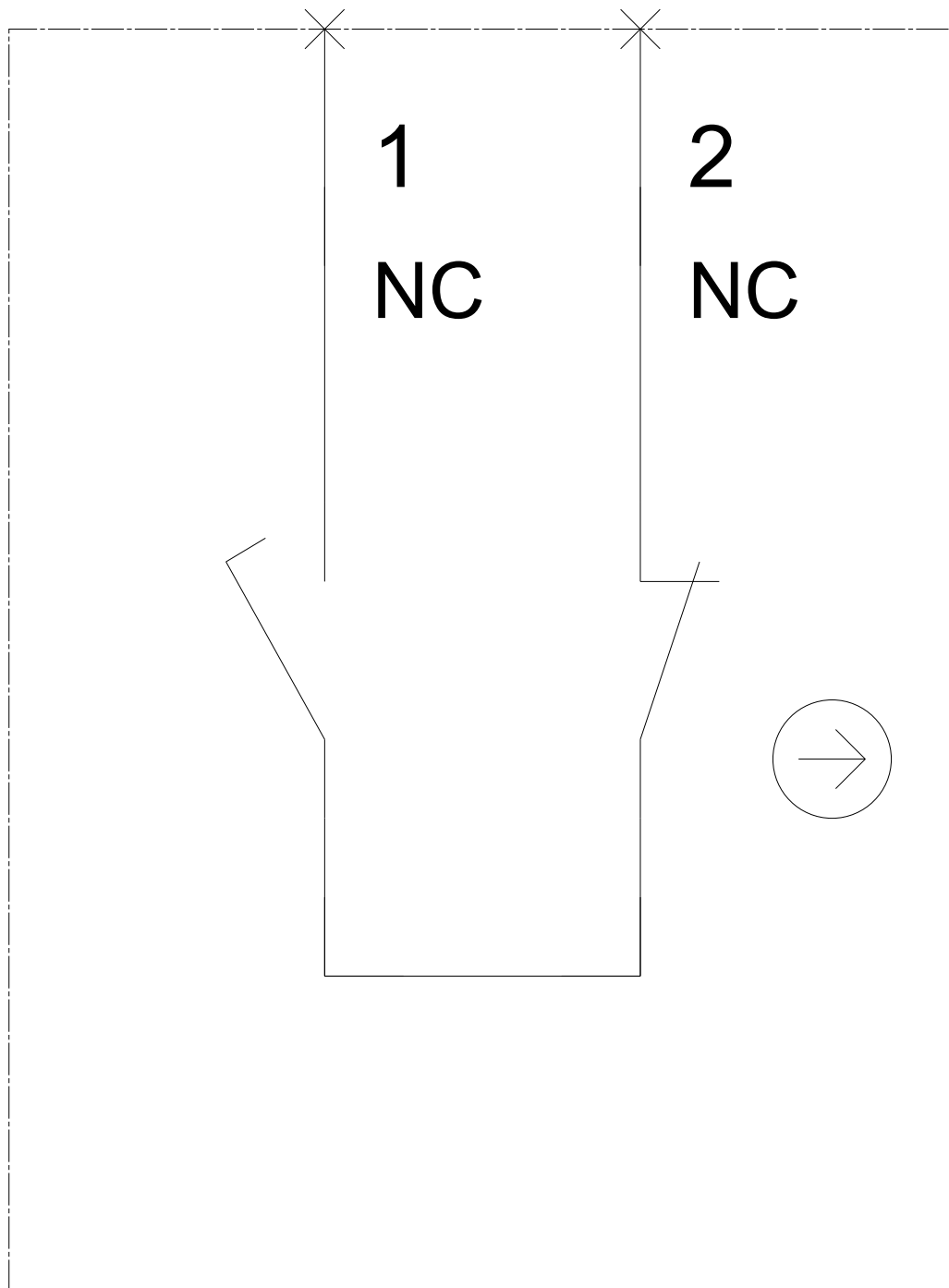
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-1HA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-1HA0&lang=en



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last modified:

12/14/2017