SIEMENS

Data sheet 3SU1400-1AA10-1CA0

Figure similar

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

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

Contact block/ lampholder:

Suitability for integration		
• pressure selection button		Yes
• front element		Yes
• Pendant pushbutton		Yes
• Pendant switch		Yes

General technical data:

Product function		
• positive opening		Yes
Insulation voltage		
• Rated value	V	500
Type of voltage		
• of the operating voltage		AC/DC
• of the input voltage		AC/DC
Degree of pollution		3
Vibration resistance		
• acc. to IEC 60068-2-6		10 ... 500 Hz: 5g
Surge voltage resistance Rated value	kV	6
Operating frequency maximum	1/h	3 600
Mechanical service life (switching cycles)		
• typical		10 000 000

Electrical endurance (switching cycles)		
• typical		10 000 000
Thermal current	A	10
Protection class IP		
• of the enclosure		IP40
• of the terminal		IP20
Equipment marking		
• acc. to DIN EN 61346-2		S
• acc. to DIN EN 81346-2		S
Design of the fuse link for short-circuit protection of the auxiliary switch with type of assignment 1 required		gG / Dz 10 A, quick-acting / Dz 10 A
Continuous current of the C characteristic MCB	A	10
Operating voltage		
• with AC		
— at 50 Hz Rated value	V	5 ... 500
— at 60 Hz Rated value	V	5 ... 500
• **for DC Rated value**		
— maximum	V	500
— minimum	V	5

Power Electronics:		
Contact reliability		One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)

Auxiliary circuit:		
Number of NC contacts		
• for auxiliary contacts		1
Number of NO contacts		
• for auxiliary contacts		0
Number of CO contacts		
• for auxiliary contacts		0
Design of the contact of the auxiliary contacts		Silver alloy
Operating current at AC-12		
• at 110 V Rated value	A	10
• at 48 V Rated value	A	10
• at 400 V Rated value	A	8
• at 24 V Rated value	A	10
• at 230 V Rated value	A	8
Operating current at AC-15		
• at 230 V Rated value	A	6
• at 400 V Rated value	A	3
Operating current		
• at DC-13 at 400 V Rated value	A	0.1

Operating current		
• at DC-12		
— at 110 V Rated value	A	2.5
• at DC-13		
— at 24 V Rated value	A	3
— at 110 V Rated value	A	0.7

Connections/ Terminals:

Type of electrical connection		screw-type terminals
Type of connectable conductor cross-section		
• solid with core end processing		2x (0.5 ... 0.75 mm²)
• solid without core end processing		2x (1.0 ... 1.5 mm²)
• finely stranded with core end processing		2x (0.5 ... 1.5 mm²)
• finely stranded without core end processing		2x (1,0 ... 1,5 mm²)
• for AWG conductors		2x (18 ... 14)
Tightening torque		
• with screw-type terminals	N·m	0.8 ... 0.9

Ambient conditions:

Ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +80

Installation/ mounting/ dimensions:

Mounting type		
• of modules and accessories		Front plate mounting
Height	mm	32
Width	mm	9.8
Depth	mm	23.4

Certificates/ approvals:

Further information

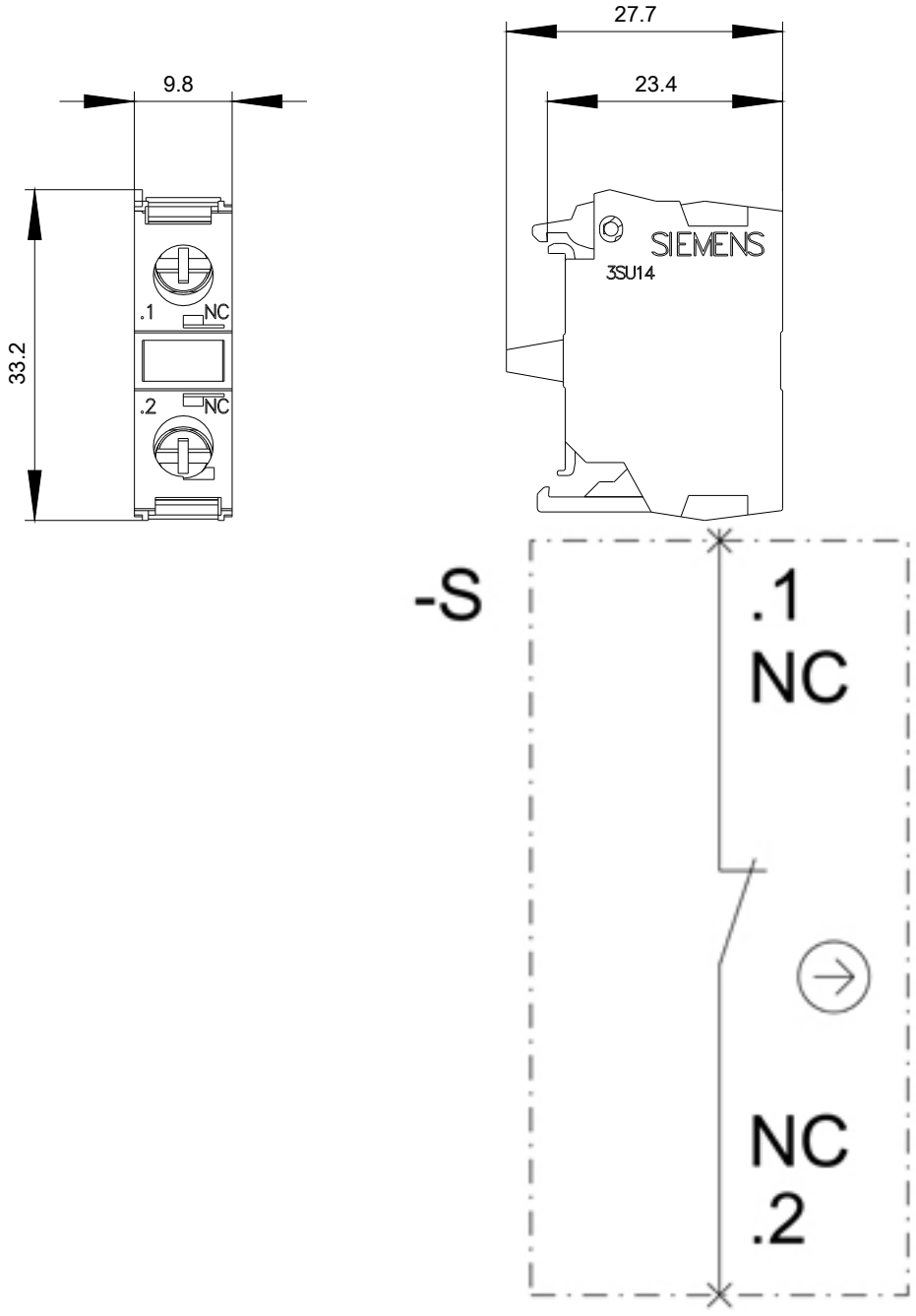
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/industrymall

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU14001AA101CA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3SU14001AA101CA0/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU14001AA101CA0&lang=en



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