

Contact module with 1 contact element, 1 NO, gold-plated contacts, spring-type terminal, for floor mounting



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

General technical data	
product function	
• positive opening	No
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	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B

vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
operating frequency maximum	3 600 1/h
mechanical service life (switching cycles)	
• typical	10 000 000
electrical endurance (switching cycles)	
• typical	10 000 000
thermal current	10 A
reference code acc. to DIN EN 81346-2	S
continuous current of the C characteristic MCB	10 A
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)
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Auxiliary circuit

design of the contact of auxiliary contacts	Gold-plated
number of NC contacts for auxiliary contacts	0
• lagging switching	0
number of NO contacts for auxiliary contacts	1
• leading contact	0
operating current at AC-12	
• 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
• operating current at AC-15 at 24 V rated value	6 A
• operating current at AC-15 at 48 V rated value	6 A
• operating current at AC-15 at 110 V rated value	6 A
• operational current at AC-15 at 230 V rated value	6 A
• operating current at AC-15 at 400 V rated value	3 A
• operating current at AC-15 at 500 V rated value	1.4 A
operating current at DC-12	
• at 24 V rated value	10 A

• 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	5 A 2.5 A 1 A 0.3 A 0.3 A
operating current at DC-13	
• 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 0.7 A 0.3 A 0.1 A 0.1 A

Connections/ Terminals

type of electrical connection	spring-loaded terminals
type of connectable conductor cross-sections	
• solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG conductors	2x (0.25 ... 1.5 mm ²) 2x (0.25 ... 0.75 mm ²) 2x (0.25 ... 1.5 mm ²) 2x (24 ... 16)

Ambient conditions

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)
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Installation/ mounting/ dimensions

• mounting type • mounting type of modules and accessories	floor mounting Floor mounting
height	36 mm
width	9.8 mm
depth	27.7 mm

Certificates/ approvals

General Product Approval			Declaration of Conformity	
 CCC	 UL	KC	 EAC	 EG-Konf.
			Miscellaneous	

Test Certificates		Marine / Shipping			
Type Test Certificates/Test Report	Special Test Certificate	 ABS	 LRS	 PRS	 RINA

Marine / Shipping	other
 RMRS	Confirmation

Further information

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=3SU1400-2AA10-3LA0>

Cax online generator

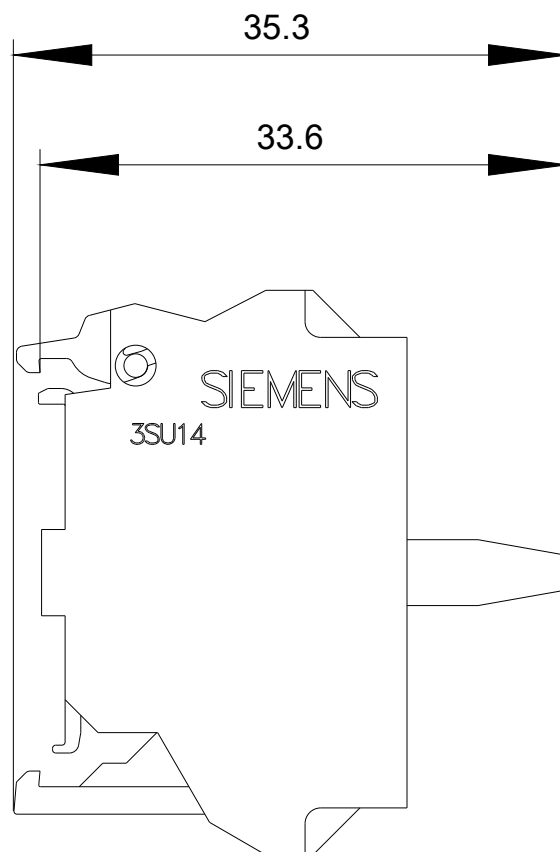
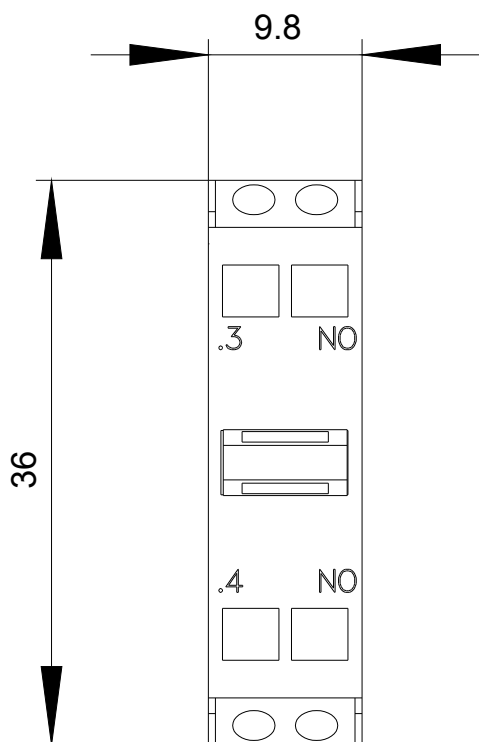
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-2AA10-3LA0>

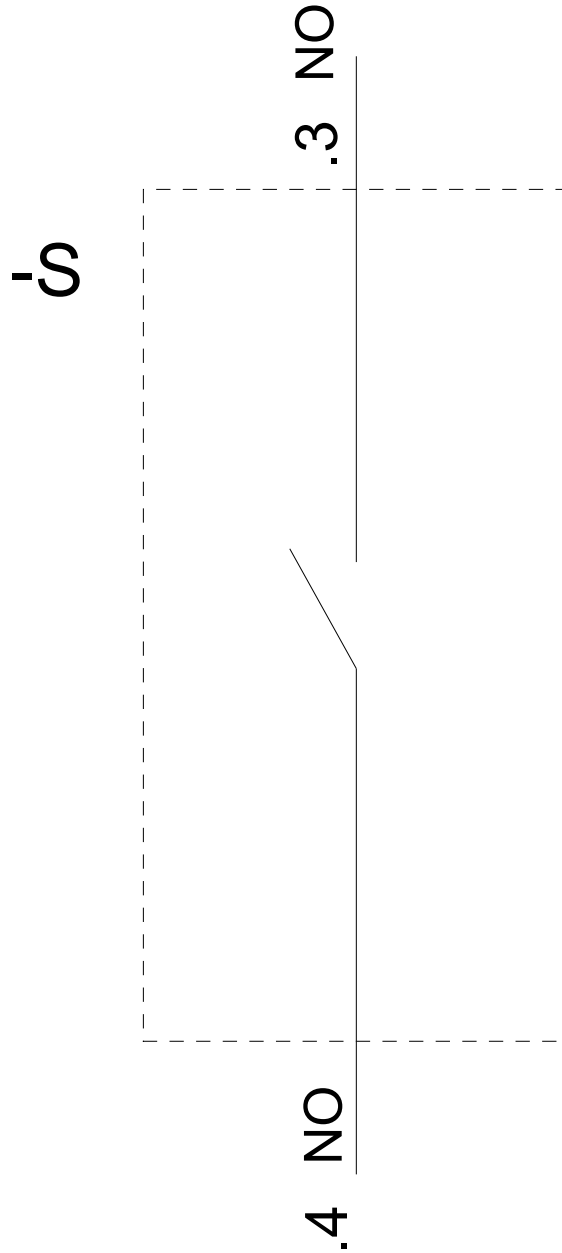
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-2AA10-3LA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-2AA10-3LA0&lang=en





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