SIEMENS

Data sheet 3SU1400-1AA10-3LA0

Contact module with 1 contact element, 1 NO, gold-plated contacts, spring-type terminal, for front plate 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 IEC 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
● operating voltage 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	Gold-plated
number of NC contacts for auxiliary contacts	0
● lagging switching	0

number of NO contacts for auxiliary contacts	1
● leading contact	0
operational 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
operational current at AC-15	
● 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
● 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	0.3 A
operational current at DC-13	
● 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	0.3 A
● at 400 V rated value	0.1 A
● at 500 V rated value	0.1 A
Connections/ Terminals	
type of electrical connection	spring-loaded terminals
type of connectable conductor cross-sections	
● solid without core end processing	2x (0.25 ... 1.5 mm²)
● finely stranded with core end processing	2x (0.25 ... 0.75 mm²)
● finely stranded without core end processing	2x (0.25 ... 1.5 mm²)
● at AWG cables	2x (24 ... 16)
Ambient conditions	
● ambient temperature during operation	-25 ... +70 °C
● ambient temperature during storage	-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	
fastening method	front panel mounting
● of modules and accessories	Front plate mounting
height	36 mm
width	9.8 mm
depth	27.7 mm

Certificates/ approvals

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

Test Certificates	Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report

ABS

LRS

PRS

RINA

Marine / Shipping	other

RMRS

Confirmation

Further information

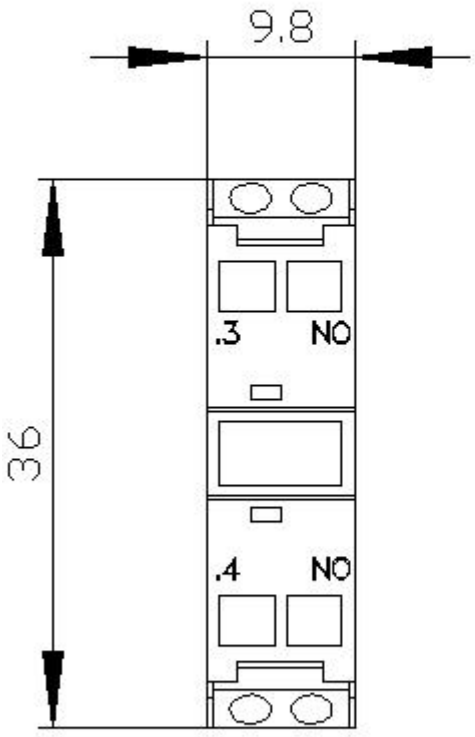
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

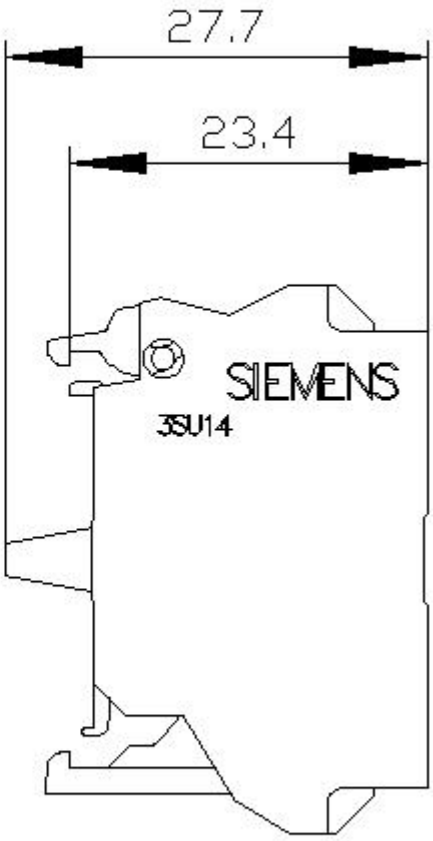
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1400-1AA10-3LA0

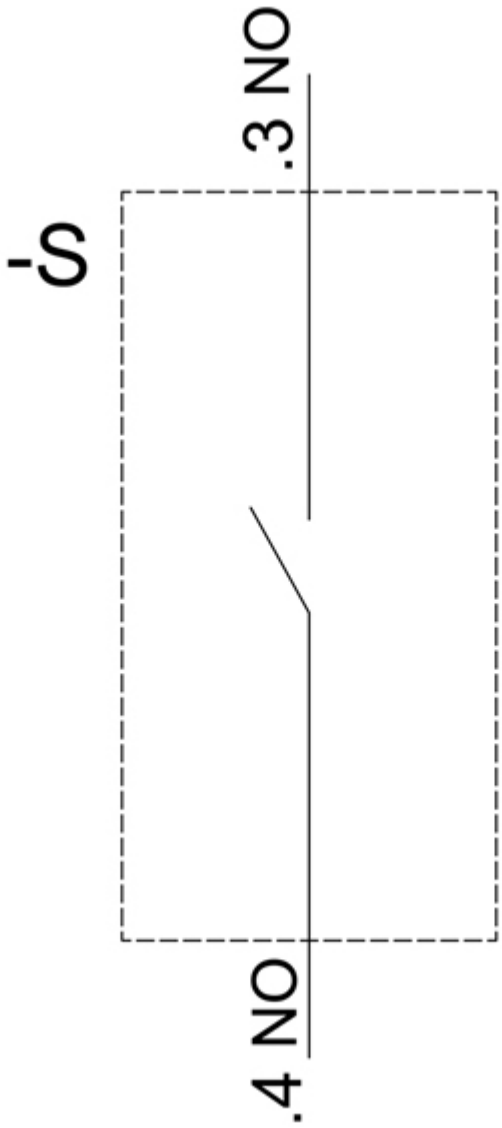
Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-3LA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-3LA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-3LA0&lang=en







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