SIEMENS

Data sheet

product brand name

3SU1400-1AA10-1EA0



Contact module with 2 contact elements, 2 NC, screw terminal, for front plate





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, clamping screw tightened
shock resistance	
 according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
 for railway applications according to EN 61373 	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 500 Hz: 5g
 for railway applications according to EN 61373 	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) $$

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Design of the contact of auxiliary contacts Silver alloy	
number of NC contacts for auxiliary contacts 2 ● lagging switching 0 number of NO contacts for auxiliary contacts 0 ● leading contact 0 operational current at AC-12 10 A ● at 24 V rated value 10 A ● at 41 10 V rated value 10 A ● at 230 V rated value 8 A ● at 400 V rated value 8 A ● at 424 V rated value 6 A ● at 428 V rated value 6 A ● at 1230 V rated value 6 A ● at 230 V rated value 6 A ● at 230 V rated value 3 A ● at 500 V rated value 14 A ● porational current at DC-12 12 A vated value ● at 48 V rated value 5 A ● at 110 V rated value 5 A ● at 110 V rated value 0.3 A ● at 440 V rated value 0.3 A ● at 48 V rated value 0.3 A ● at 48 V rated value 0.3 A ● at 230 V rated value 0.3 A ● at 24 V rated value 0.5 A ● at 48 V rated value	
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at 400 V rated value at 500 V rated value 0.1 A Connections/ Terminals	
at 500 V rated value Onnections/ Terminals	
Connections/ Terminals	
type of electrical connection	
type of electrical connection screw terminal	
type of connectable conductor cross-sections	
• 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 cables 2x (18 14)	
tightening torque with screw-type terminals 0.8 0.9 N·m	
Ambient conditions	
ambient temperature	
• during operation -25 +70 °C	
• during storage -40 +80 °C	
environmental category during operation according to IEC 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted))
Environmental footprint	
Environmental Product Declaration(EPD) Yes	
Global Warming Potential [CO2 eq] total 0.787 kg	
Global Warming Potential [CO2 eq] during manufacturing 0.566 kg	
Global Warming Potential [CO2 eq] during operation 0.235 kg	
Global Warming Potential [CO2 eq] after end of life -0.015 kg	
Siemens Eco Profile (SEP) Siemens EcoTech	
Installation/ mounting/ dimensions	
fastening method front plate mounting	
of modules and accessories Front plate mounting	
height 34 mm	
width 9.8 mm	
depth 49.7 mm	

suitability for integration

- plastic enclosure
- metal enclosure

No No

Approvals Certificates

General Product Approval









Confirmation



General Product Approval

<u>KC</u>



Type Test Certificates/Test Report

Test Certificates

Special Test Certificate



Marine / Shipping

Marine / Shipping

Lloyd's Register





Confirmation

other



Environment

Siemens EcoTech



Further information

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=3SU1400-1AA10-1EA0

Cax online generator

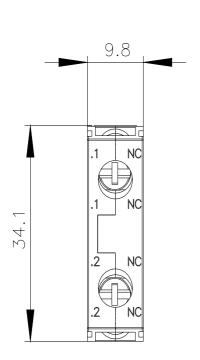
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-1EA0

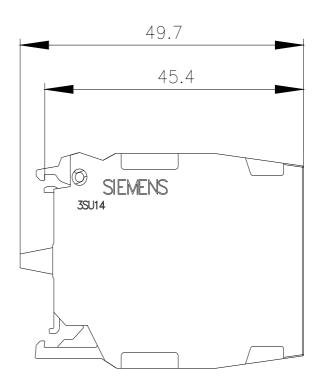
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

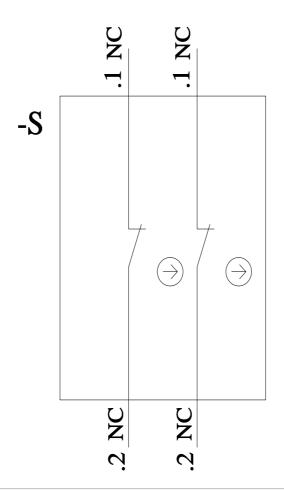
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-1EA0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-1EA0&lang=en







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