SIEMENS

Data sheet

3SU1400-1AA10-3DA0



Contact module with 2 contact elements, 2 NO, spring-type terminal, for front plate mounting $% \left({{{\rm{D}}_{{\rm{D}}}}_{{\rm{D}}}} \right)$

product brand name	SIRIUS ACT
product designation	Contact module
product type designation	3SU1
Contact block/ lampholder	
socket design	other
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	
 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)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0

 lagging switching 	0
number of NO contacts for auxiliary contacts	2
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	8A
operational current at AC-15	
at 24 V rated value	6 A
at 48 V rated value	6 A
at 40 V rated value	6A
at 230 V rated value	6A
at 400 V rated value	3A
at 500 V rated value	1.4 A
	1.4 A
operational current at DC-12	10.0
at 24 V rated value	10 A
at 48 V rated value	5 A 2 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	0. (0.05 4.5 mm²)
- colid without core and pressering	
solid without core end processing	2x (0.25 1.5 mm ²)
• finely stranded with core end processing	2x (0.25 0.75 mm ²)
finely stranded with core end processingfinely stranded without core end processing	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
finely stranded with core end processingfinely stranded without core end processingfor AWG cables	2x (0.25 0.75 mm ²)
 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions 	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²)
finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16)
 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation 	2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) -25 +70 °C
 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation during storage 	2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) -25 +70 °C -40 +80 °C
 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 	2x (0.25 0.75 mm ²) 2x (0.25 1.5 mm ²) 2x (24 16) -25 +70 °C
 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Environmental footprint	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted)
 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Environmental footprint Environmental Product Declaration(EPD)	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted) Yes
 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Environmental Froduct Declaration(EPD) Global Warming Potential [CO2 eq] total 	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted) Yes 0.787 kg
 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Environmental footprint Environmental Product Declaration(EPD) Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during manufacturing 	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted) Yes
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 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Environmental footprint Environmental Product Declaration(EPD) Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during operation global Warming potential [CO2 eq] after end of life 	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted) Yes 0.787 kg 0.566 kg 0.235 kg
 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Environmental footprint Environmental Product Declaration(EPD) Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] during operation global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions 	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted) Yes 0.787 kg 0.566 kg 0.235 kg -0.015 kg front plate mounting
 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Environmental footprint Environmental Product Declaration(EPD) Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during manufacturing Global Warming Potential [CO2 eq] after end of life Installation/ mounting/ dimensions 	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted) Yes 0.787 kg 0.566 kg 0.235 kg -0.015 kg
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 finely stranded with core end processing finely stranded without core end processing for AWG cables Ambient conditions ambient temperature during operation during storage environmental category during operation according to IEC 60721 Environmental footprint Environmental Product Declaration(EPD) Global Warming Potential [CO2 eq] total Global Warming Potential [CO2 eq] during operation global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions fastening method of modules and accessories height width 	2x (0.25 0.75 mm²) 2x (0.25 1.5 mm²) 2x (24 16) -25 +70 °C -40 +80 °C 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted) Yes 0.787 kg 0.566 kg 0.235 kg -0.015 k
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Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1400-1AA10-3DA0

Cax online generator

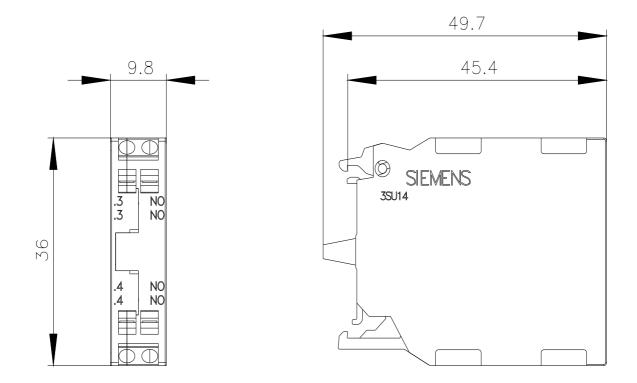
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-3DA0

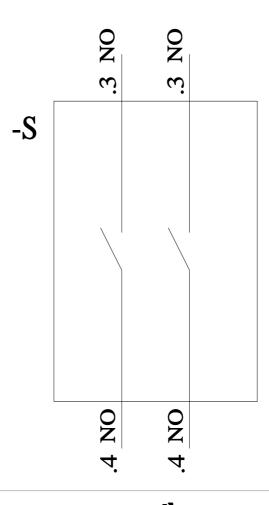
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-3DA0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-3DA0&lang=en





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