SIEMENS

Data sheet

3SU1400-1AA10-3EA0

Siemens EcoTech

Contact module with 2 contact elements, 2 NC, spring-type terminal, for front plate mounting

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	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
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	
•	2
 lagging switching 	0
number of NO contacts for auxiliary contacts	
•	0
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	2.4
 at 24 V rated value at 48 V rated value 	3 A 1.5 A
at 48 V rated value at 110 V rated value	1.5 A 0.7 A
at 230 V rated value	0.7 A 0.3 A
at 230 V rated value at 400 V rated value	0.3 A 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 mm ²)
 finely stranded with core end processing finely stranded without core end processing 	2x (0.25 1.5 mm ²)
 for AWG cables 	2x (24 16)
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
60721	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
 fastening method of modules and accessories 	Front plate mounting
height	36 mm
width	9.8 mm

depth		49.7	' mm		
suitability for integration					
 plastic enclosure 		No			
 metal enclosure 		No			
Approvals Certificates					
General Product Approva	I				
	CE EG-Konf.	UK CA		<u>Confirmation</u>	
General Product Approva	I		Test Certificates		Marine / Shipping
	KC	EHC	Special Test Certific- ate	Type Test Certific- ates/Test Report	ABS
Marine / Shipping			other	Environment	
Llovd's Register urs	PRS	RINA	<u>Confirmation</u>	EPD	Siemens EcoTech
urther information					

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)

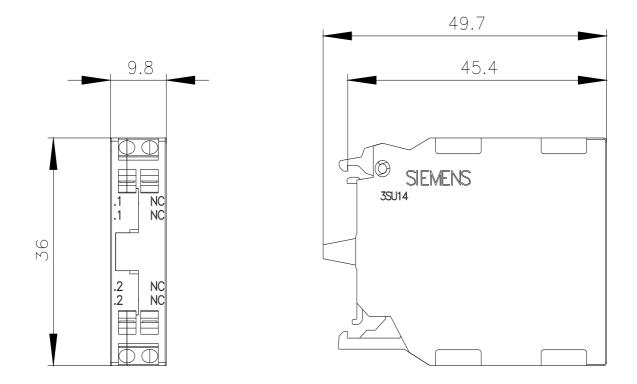
all.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1400-1AA10-3EA0 https://r

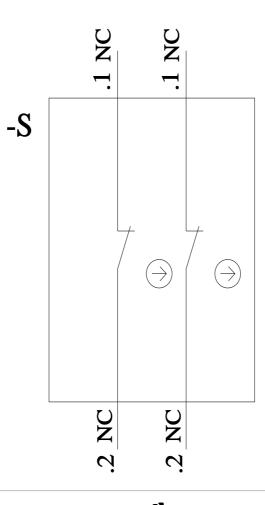
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-3EA0

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

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

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-3EA0&lang=en





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