SIEMENS

Data sheet

3SU1400-1AA10-3RA0



Contact module with 2 contact elements, 1 NO leading + 1 NC lagging, gold-plated contacts, 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	Gold-plated			
number of NC contacts for auxiliary contacts	1			

 lagging switching 	1				
number of NO contacts for auxiliary contacts	1				
leading contact	1				
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	6 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 	4 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				
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	0.7 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 mm ²)				
 finely stranded with core end processing 	2x (0.25 0.75 mm ²)				
 finely stranded without core end processing 	2x (0.25 1.5 mm²)				
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 60721	3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative 95%, no condensation in operation permitted)	ve humidity of 10			
invironmental 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				
nstallation/ mounting/ dimensions					
fastening method	front plate mounting				
 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 Approval		Declaration of Con formity			

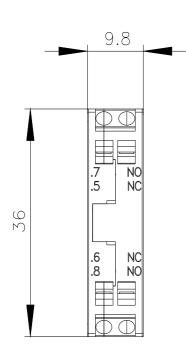
<u>Confirmation</u>	CCC		<u>KC</u>	EHC	UK CA		
Declaration of Con- formity	Test Certificates		Marine / Shipping				
CE EG-Konf.	<u>Type Test Certific-</u> ates/Test Report	<u>Special Test Certific-</u> <u>ate</u>	ABS	Lloydis Register urs	PRS		
Marine / Shipping	other	Environment					
RINA	<u>Confirmation</u>	Environmental Con- firmations					
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 https://www.siemens.com/ic10							
https://mall.industry.sie	Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1400-1AA10-3RA0 Cax online generator						

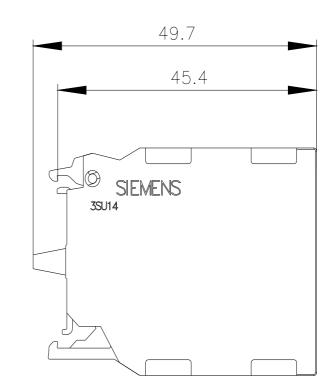
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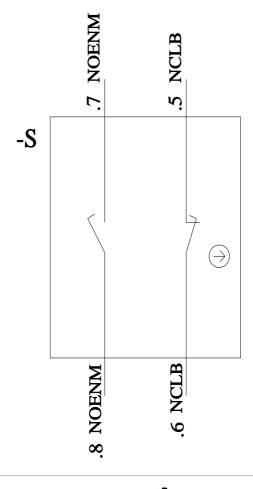
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-3RA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-3RA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-3RA0&lang=en







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