SIEMENS

Data sheet

3SU1400-1AA10-1EA0

Siemens EcoTech

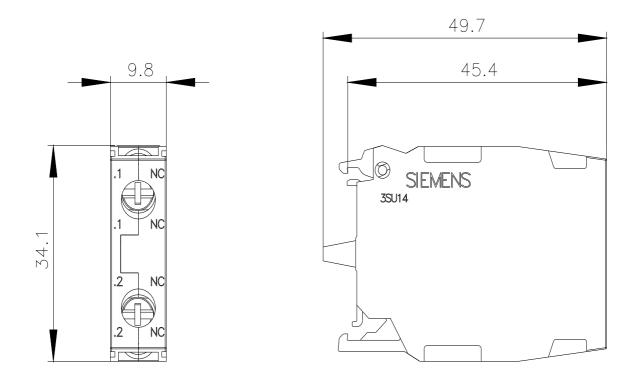
Contact module with 2 contact elements, 2 NC, screw terminal, for front plate mounting $% \left({{{\rm{D}}_{{\rm{D}}}}_{{\rm{D}}}} \right)$

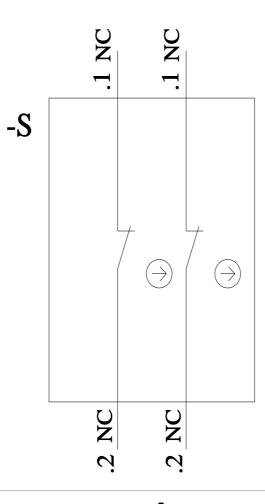
product brand name	SIRIUS ACT
product designation	Contact module
product type designation	3SU1
Contact block/ lampholder	
socket design	other
General technical data	
product function positive opening	Yes
insulation voltage rated value	500 V
degree of pollution	3
type of voltage	
 of the operating voltage 	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)

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			
• 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	screw terminal		
type of connectable conductor cross-sections	$2 \times (0.5 - 0.75 \text{ mm}^2)$		
solid with core end processing	2x (0.5 0.75 mm ²)		
solid without core end processing	2x (1.0 1.5 mm ²)		
finely stranded with core end processing	2x (0.5 1.5 mm ²)		
 finely stranded without core end processing for AWC cohlect 	2x (1,0 1,5 mm ²)		
for AWG cables tightening torque with screw-type terminals	2x (18 14) 0.8 0.9 N·m		
Ambient conditions	v.vv.ð IN III		
ambient temperature			
during operation	-25 +70 °C		
during operation orge	-25 +70 °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 Front plate mounting		
of modules and accessories height	Front plate mounting 34 mm		
of modules and accessories	Front plate mounting		

suitability for integration	on				
 plastic enclosure 		No			
 metal enclosure 		No			
Approvals Certificates					
General Product Appro	oval				
CE EG-Konf.	UK CA	CCC	<u>Confirmation</u>	c UL us	
General Product Appro	oval		Test Certificates		Marine / Shipping
VDE	KC	EAC	Type Test Certific- ates/Test Report	Special Test Certific- ate	ABS
Marine / Shipping			other	Environment	
Lloyd's Register uis	PRS	RINA	<u>Confirmation</u>	EPD	Siemens EcoTech
Environment					
Environmental Con- firmations					

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⟨=en





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