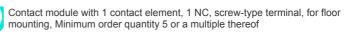
SIEMENS

Data sheet

3SU1400-2AA10-1CA0





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	
•	1
 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	1A
at 400 V rated value	0.3 A
• at 500 V rated value	0.3 A
operational current at DC-13	0.071
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-type terminals
type of connectable conductor cross-sections	
solid with core end processing	2x (0.5 0.75 mm²)
 solid with core end processing solid without core end processing 	2x (0.5 0.75 mm ²)
 finely stranded with core end processing 	2x (0.5 1.5 mm ²)
 finely stranded with core end processing finely stranded without core end processing 	2x (0.5 1.5 mm ²)
for AWG cables	2x (1,0 1,0 mm)
tightening torque with screw-type terminals	0.8 0.9 N·m
Ambient conditions	
ambient temperature	
-	-25 +70 °C
 during operation during storage 	-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 	floor mounting
 fastening method of modules and accessories 	Floor mounting

height		33.2	2 mm			
width		9.8	9.8 mm			
depth		27.7	27.7 mm			
suitability for integration						
 plastic enclosure 		Yes				
 metal enclosure 		Yes				
pprovals Certificates						
General Product Approv	al					
	<u>Confirmation</u>	CE EG-Konf.	UK CA			
General Product Approv	al		Test Certificates		Marine / Shipping	
UDE VDE	KC	EHC	Type Test Certific- ates/Test Report	Special Test Certific- ate	ABS	
Marine / Shipping			other	Environment		
Hoyd's Register urs	PRS	RINA	<u>Confirmation</u>	EPD	Siemens EcoTech	
Environment						
Environmental Con- firmations						
urther information						
Information on the packa https://support.industry.sier	mens.com/cs/ww/en/vi					
Information- and Downlo https://www.siemens.com/i	adcenter (Catalogs, E c10	Brochures,)				
Industry Mall (Online ord https://mall.industry.siemer	ering system)	alog/product?mlfh=3SU1	400-26610-1060			

 Lax online generator

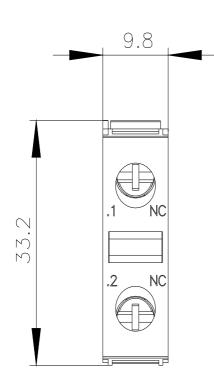
 http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-2AA10-1CA0

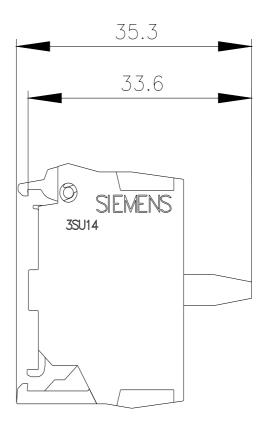
 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

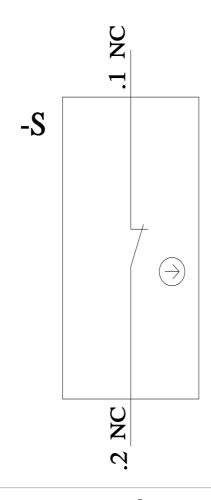
 https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-2AA10-1CA0

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

 http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-2AA10-1CA0&lang=en







last modified:

2/7/2024 🖸