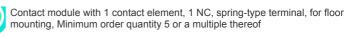
SIEMENS

Data sheet

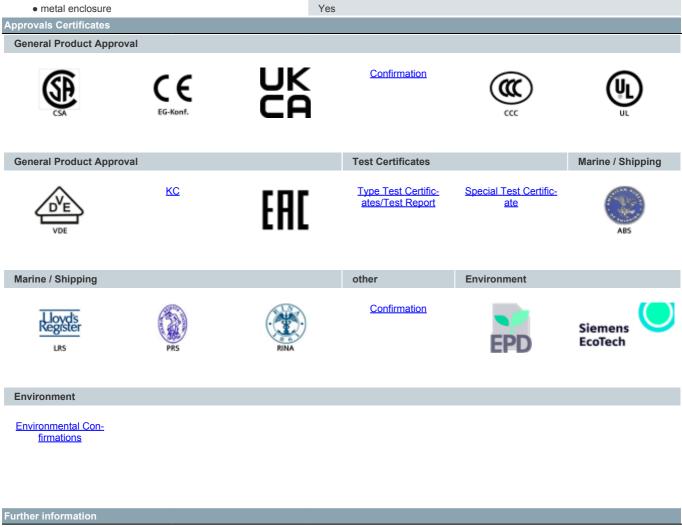
3SU1400-2AA10-3CA0

Siemens EcoTech



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	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 48 V rated value at 110 V rated value	2.5 A	
at 230 V rated value	2.5 A 1 A	
 at 230 V rated value 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	3 A 1 5 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	
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 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 60721	3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 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	
of modules and accessories	Floor mounting	
height	36 mm	
width	9.8 mm	
depth	27.7 mm	
suitability for integration		



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)

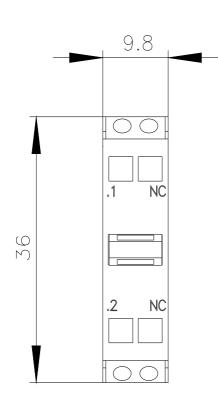
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1400-2AA10-3CA0

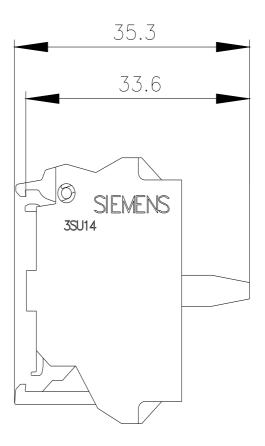
Cax online generator

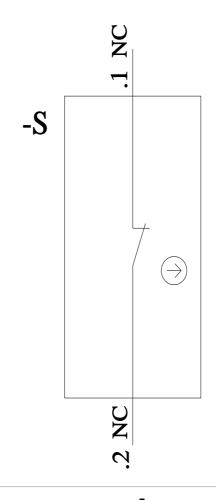
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-2AA10-3CA0&lang=en







last modified:

2/7/2024 🖸