SIEMENS

Data sheet

3SU1400-1AA10-1BA0

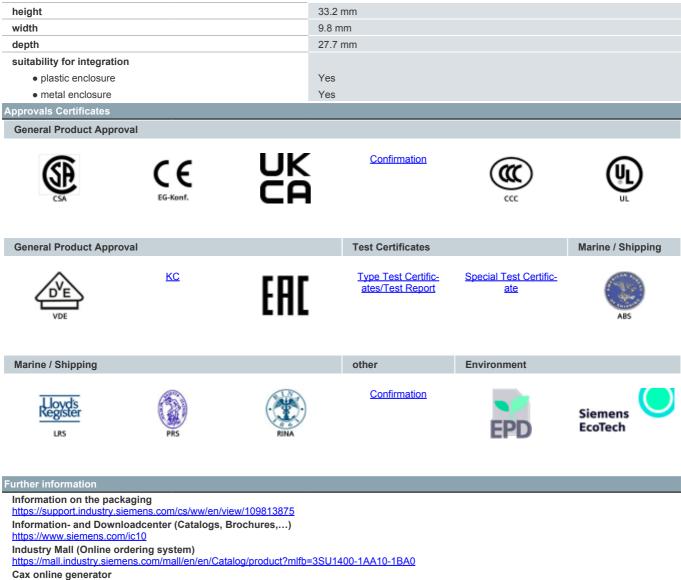


Contact module with 1 contact element, 1 NO, screw terminal, for front plate mounting, Minimum order quantity 5 or a multiple of this



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	No
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)

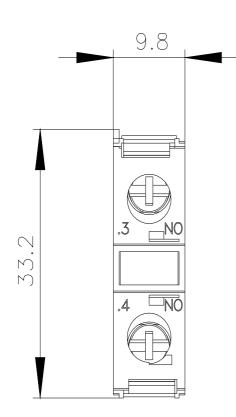
Auxiliary circuit	Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy	
number of NC contacts for auxiliary contacts		
•	0	
 lagging switching 	0	
number of NO contacts for auxiliary contacts		
	1	
leading contact	0	
operational current at AC-12		
at 24 V rated value	10 A	
at 48 V rated value	10 A	
at 48 v rated value at 110 V rated value	10 A 10 A	
at 110 v rated value 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-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 (1.0 1.5 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 (1,0 1,5 mm ²)	
for AWG cables	2x (1,0 1,5 mm ⁻) 2x (18 14)	
tightening torque with screw-type terminals	0.8 0.9 N·m	
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	Vac	
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	

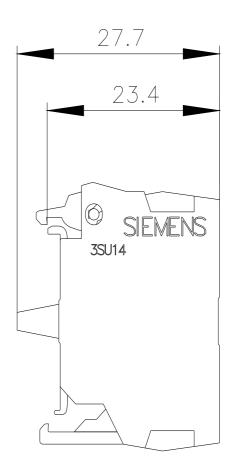


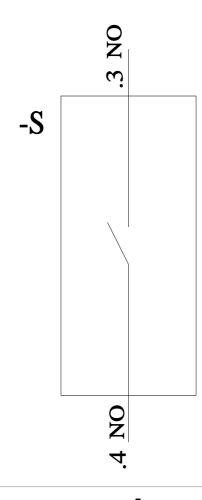
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-1BA0 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-1BA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-1BA0&lang=en







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