## Data sheet 3SU1400-2AA10-1BA0



Contact module with 1 contact element, 1 NO, screw-type terminal, for floor mounting, Minimum order quantity 5 or a multiple thereof



product brand name	SIRIUS ACT
product designation	Contact module
product type designation	3SU1
Contact block/ lampholder	
socket design	other
General technical data	
	N

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	
<ul> <li>of the operating voltage</li> </ul>	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	
<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 500 Hz: 5g
<ul> <li>for railway applications according to EN 61373</li> </ul>	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
Weight	9 g
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	(5 v, 1 IIIA)
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     at 24 V rated value	10 A
● at 48 V rated value	10 A
<ul> <li>at 110 V rated value</li> </ul>	10 A
at 230 V rated value	8 A
at 400 V rated value	8 A
operational current at AC-15	
<ul> <li>at 24 V rated value</li> </ul>	6 A
<ul> <li>at 48 V rated value</li> </ul>	6 A
<ul> <li>at 110 V rated value</li> </ul>	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
<ul><li>at 400 V rated value</li></ul>	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  Connections/ Terminals	0.1 A
	covery townshed
type of electrical connection	screw terminal
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 mm²)
finely stranded with core end processing	2x (0.5 1.5 mm²)
finely stranded with core end processing     finely stranded without core end processing	2x (1,0 1,5 mm²)
• for AWG cables	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	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
of modules and accessories	Floor mounting
height	33.2 mm
width	9.8 mm

depth 27.7 mm

suitability for integration

plastic enclosure Yes
metal enclosure Yes

Approvals Certificates

## **General Product Approval**







Confirmation





**General Product Approval** 

**Test Certificates** 

other

**Environment** 

<u>KC</u>



Type Test Certificates/Test Report

Special Test Certificate Confirmation



## Environment



Environmental Confirmations

## 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=3SU1400-2AA10-1BA0

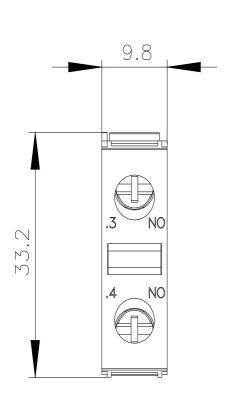
Cax online generator

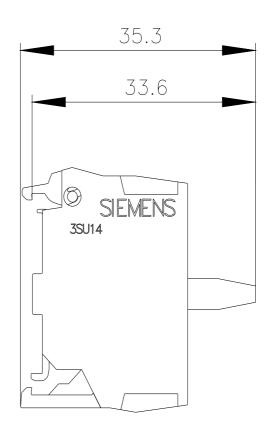
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

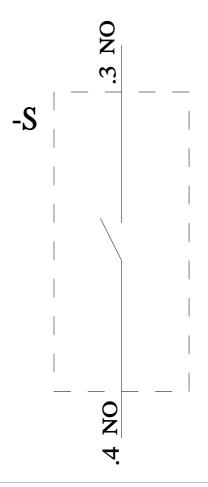
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-2AA10-1BA0

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

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1400-2AA10-1BA0&lang=er







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