## SIEMENS

## Data sheet

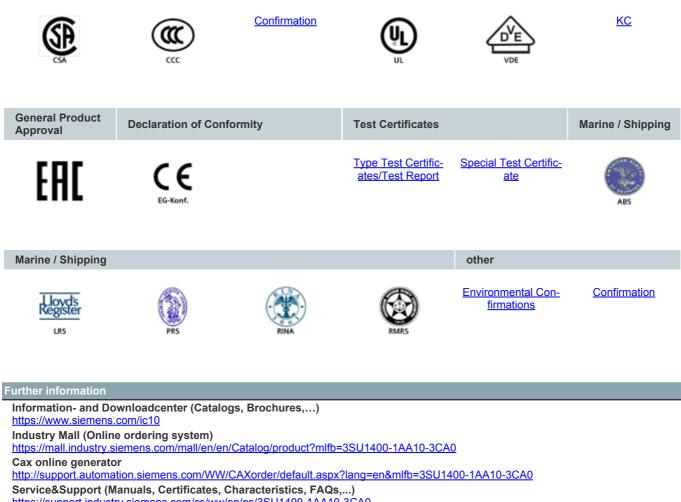
## 3SU1400-1AA10-3CA0



Contact module with 1 contact element, 1 NC, spring-type terminal, for front plate 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	
product function positive opening	Yes
insulation voltage rated value	500 V
degree of pollution	3
type of voltage	
<ul> <li>of the operating voltage</li> </ul>	AC/DC
<ul> <li>of the input voltage</li> </ul>	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	
<ul> <li>of the enclosure</li> </ul>	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	
<ul> <li>according to IEC 60068-2-6</li> </ul>	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 (switching cycles) typical	10 000 000
electrical endurance (switching 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
design of the contact of auxiliary contacts	Silver alloy

number of NC contacts for auxiliary contacts	1
<ul> <li>lagging switching</li> </ul>	0
number of NO contacts for auxiliary contacts	0
<ul> <li>leading contact</li> </ul>	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	40.4
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	
<ul> <li>at 24 V rated value</li> </ul>	3 A
<ul> <li>at 48 V rated value</li> </ul>	1.5 A
<ul> <li>at 110 V rated value</li> </ul>	0.7 A
<ul> <li>at 230 V rated value</li> </ul>	0.3 A
<ul> <li>at 400 V rated value</li> </ul>	0.1 A
<ul> <li>at 500 V rated value</li> </ul>	0.1 A
Connections/ Terminals	
type of electrical connection	spring-loaded terminals
type of connectable conductor cross-sections	
<ul> <li>solid without core end processing</li> </ul>	2x (0.25 1.5 mm²)
<ul> <li>finely stranded with core end processing</li> </ul>	2x (0.25 0.75 mm²)
<ul> <li>finely stranded without core end processing</li> </ul>	2x (0.25 1.5 mm²)
at 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	3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of
60721	10 95%, no condensation in operation permitted)
Installation/ mounting/ dimensions	
fastening method	front plate mounting
<ul> <li>of modules and accessories</li> </ul>	Front plate mounting
height	36 mm
width	9.8 mm
depth	27.7 mm
suitability for integration	
plastic enclosure	Yes
metal enclosure	Yes
Certificates/ approvals	
General Product Approval	



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

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1400-1AA10-3CA0&lang=en

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