# SIEMENS

## Data sheet

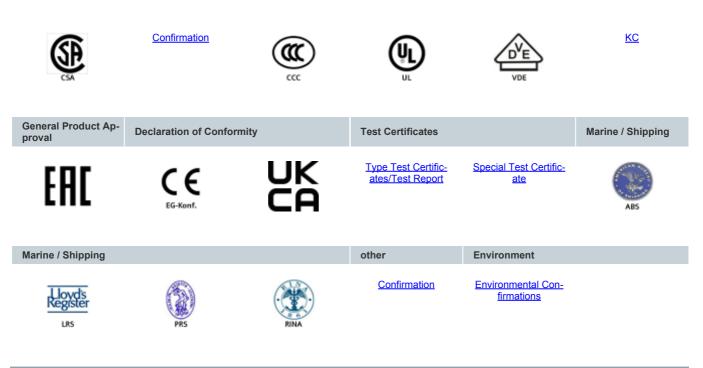
## 3SU1400-1AA10-3BA0



Contact module with 1 contact element, 1 NO, 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	No
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	
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
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	0
lagging switching	0
number of NO contacts for auxiliary contacts	1
<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	
• 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	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)
• for AWG cables	2x (24 16)
Ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	-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 manufacturing	
	0.235 kg
	0.235 kg -0.015 kg
global warming potential [CO2 eq] after end of life	0.235 kg -0.015 kg
global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions	-0.015 kg
global warming potential [CO2 eq] after end of life	-0.015 kg front plate mounting
global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions fastening method • of modules and accessories	-0.015 kg
global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions fastening method	-0.015 kg front plate mounting Front plate mounting 36 mm
global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions fastening method • of modules and accessories height width	-0.015 kg front plate mounting Front plate mounting
global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions fastening method • of modules and accessories height width depth	-0.015 kg front plate mounting Front plate mounting 36 mm 9.8 mm
global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions fastening method • of modules and accessories height width depth suitability for integration	-0.015 kg front plate mounting Front plate mounting 36 mm 9.8 mm
global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions fastening method • of modules and accessories height width depth suitability for integration • plastic enclosure	-0.015 kg front plate mounting Front plate mounting 36 mm 9.8 mm 27.7 mm Yes
global warming potential [CO2 eq] after end of life Installation/ mounting/ dimensions fastening method • of modules and accessories height width depth suitability for integration	-0.015 kg front plate mounting Front plate mounting 36 mm 9.8 mm 27.7 mm



#### Further information

#### Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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=3SU1400-1AA10-3BA0

Cax online generator

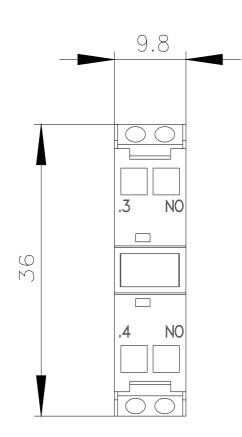
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-3BA0

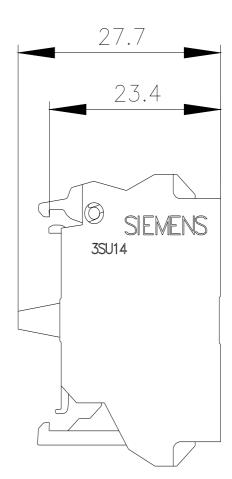
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

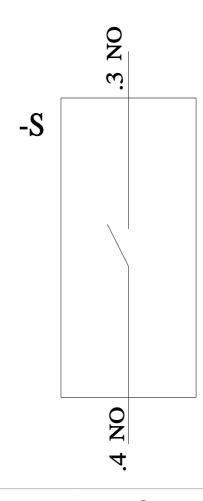
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-3BA0

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

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







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11/8/2023 🖸