3SU1400-1AA10-3HA0

Data sheet



Contact module with 1 contact element, 1 NC, Contact for installation monitoring, spring-type terminal, for front plate mounting

•		
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		
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	6 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	4 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 46 V rated value at 110 V rated value	2.5 A	
at 230 V rated value	0.3 A	
at 400 V rated value		
at 400 V rated value at 500 V rated value	0.3 A 0.3 A	
	0.3 A	
operational current at DC-13	2.4	
• at 24 V rated value	3 A	
• at 48 V rated value	1.5 A	
• at 110 V rated value	0.6 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		
solid without core end processing	2x (0.25 1.5 mm²)	
finely stranded with core end processing	2x (0.25 0.75 mm²)	
 finely stranded without core end processing 	2x (0.25 1.5 mm²)	
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	
Installation/ mounting/ dimensions		
fastening method	front plate mounting	
• of modules and accessories	Front plate mounting	
height	36 mm	
width	9.8 mm	
depth	49.7 mm	
suitability for integration		
plastic enclosure	Yes	
metal enclosure	Yes	
Approvals Certificates		
General Product Approval		Declaration of Conformity



Confirmation



<u>KC</u>

EAC



Declaration of Conformity

Test Certificates

Marine / Shipping



Special Test Certificate

Type Test Certificates/Test Report







Marine / Shipping

other

Environment



Confirmation

Environmental Confirmations

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=3SU1400-1AA10-3HA0

Cax online generator

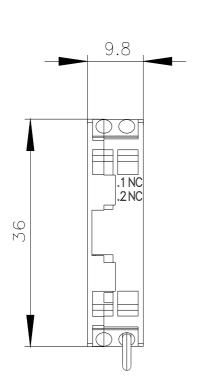
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1400-1AA10-3HA0}\\$

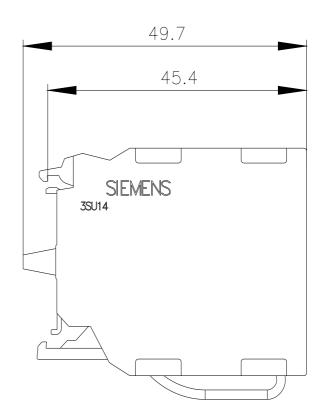
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

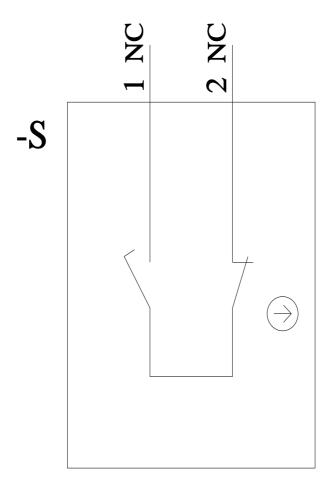
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-3HA0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-3HA0&lang=en







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