3SU1400-2AA10-3LA0

Data sheet



Contact module with 1 contact element, 1 NO, gold-plated contacts, spring-type terminal, for floor 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	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		
design of the contact of auxiliary contacts	Gold-plated	

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 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 46 V rated value at 110 V rated value	2.5 A		
at 230 V rated value			
at 400 V rated value	1 A 0.3 A		
at 500 V rated value	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	0.7 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			
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	floor mounting		
of modules and accessories	Floor mounting		
height	36 mm		
width	9.8 mm		
depth	27.7 mm		
suitability for integration			
plastic enclosure	Yes		
metal enclosure	Yes		
Approvals Certificates			
General Product Approval		Declaration of Conformity	



Confirmation



FA



Declaration of Conformity

Test Certificates

Marine / Shipping

<u>KC</u>



Type Test Certificates/Test Report

Special Test Certificate







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=3SU1400-2AA10-3LA0

Cax online generator

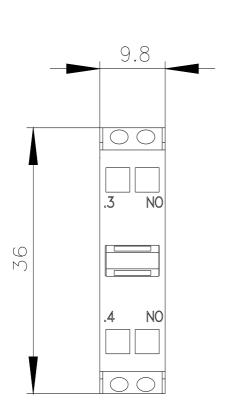
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3SU1400-2AA10-3LA0}$

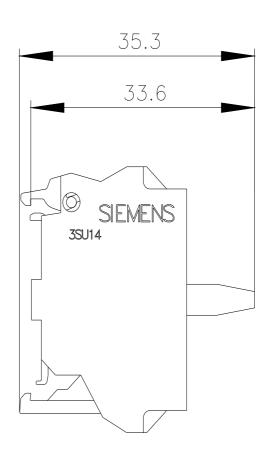
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

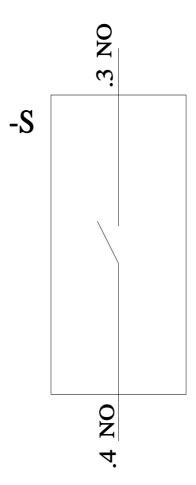
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-2AA10-3LA0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-2AA10-3LA0&lang=en







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