SIEMENS

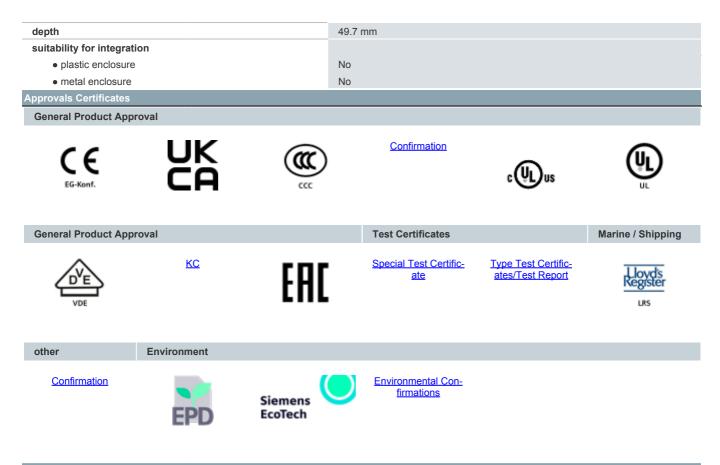
Data sheet

3SU1400-1AA10-1FA0

Siemens EcoTech Contact module with 2 contact elements, 1 NO+1 NC, screw terminal, for front plate mounting

product brand name SIRUS ACT product designation Contact module product type designation 3SU1 Contact block/ lampholder Socket design socket design other General technical data Forduct type of voltage product function positive opening Yes insulation voltage rated value 500 V degree of pollution 3 type of voltage AC/DC • of the operating voltage AC/DC surge voltage resistance rated value 6 kV • of the endosure IP40 • according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms • according to IEC 60068-2-5 10 500 Hz: 5g • for allway applications according to EN 61373 Category 1, Class B operating frequency maximum 3 600 1/h mechanical service Iffe (operati		
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continuous current of the C characteristic MCB 10 A Substance Prohibitance (Date) 10/01/2014 Weight 17 g operating voltage	thermal current	10 A
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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 5 500 V	operating voltage	
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• at DC rated value 5 500 V Power Electronics	— at 50 Hz rated value	5 500 V
Power Electronics	— at 60 Hz rated value	5 500 V
	• at DC rated value	5 500 V
Contact reliability	Power Electronics	
Contract renability One maioperation per too million (17 v, 5 mA), one maioperation per to million	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	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 110 V rated value	2.5 A
• at 230 V rated value	1A
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	screw terminal
type of connectable conductor cross-sections	
 solid with core end processing 	2x (0.5 0.75 mm²)
 solid without core end processing 	2x (1.0 1.5 mm ²)
 finely stranded with core end processing 	2x (0.5 1.5 mm ²)
 finely stranded without core end processing 	2x (1,0 1,5 mm ²)
• 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 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
Siemens Eco Profile (SEP)	Siemens EcoTech
Installation/ mounting/ dimensions	
fastening method	front plate mounting
of modules and accessories	Front plate mounting
height	34 mm
width	9.8 mm



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=3SU1400-1AA10-1FA0

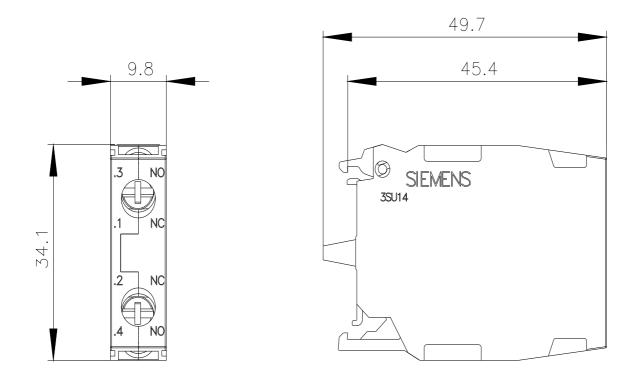
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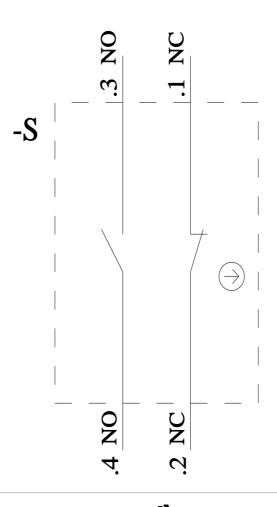
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-1FA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-1FA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-1FA0&lang=en





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