3SU1400-1AA10-1CA0

Data sheet



Contact module with 1 contact element, 1 NC, screw terminal, for front plate mounting, Minimum order quantity 5 or a multiple of this

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	
• acc. to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
 for railway applications acc. to DIN EN 61373 	Category 1, Class B
vibration resistance	
• acc. to IEC 60068-2-6	10 500 Hz: 5g
 for railway applications acc. to DIN EN 61373 	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 acc. to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A
Substance Prohibitance (Date)	01.10.2014
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)
A contition of the city	
Auxiliary circuit	

number of NC contacts for auxiliary contacts • lagging switching number of NO contacts for auxiliary contacts • leading contact operational current at AC-12 • at 24 V rated value • at 48 V rated value	1 0 0 0
number of NO contacts for auxiliary contacts	0
leading contact operational current at AC-12 at 24 V rated value	
operational current at AC-12 • at 24 V rated value	0
• at 24 V rated value	·
 at 48 V rated value 	10 A
	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	0.1 A
	agraw type terminals
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	2v (0 F 0 7F mm²2)
solid with core end processing	2x (0.5 0.75 mm²)
solid without core end processing	2x (1.0 1.5 mm²)
finely stranded with core end processing	2x (0.5 1.5 mm²)
finely stranded without core end processing	2x (1,0 1,5 mm²)
at 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 acc. to IEC 60721	3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 95%, no condensation in operation permitted)
Installation/ mounting/ dimensions	
fastening method	front plate mounting
 of modules and accessories 	Front plate mounting
height	33.2 mm
width	9.8 mm
depth	27.7 mm
suitability for integration	
plastic enclosure	Yes
metal enclosure	Yes
Certificates/ approvals	





Confirmation





<u>KC</u>

General Product Approval

Declaration of Conformity

Test Certificates

Marine / Shipping



UK Declaration of Conformity



Type Test Certificates/Test Report

Special Test Certificate



Marine / Shipping







Confirmation

other

Further information

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=3SU1400-1AA10-1CA0

Cax online generator

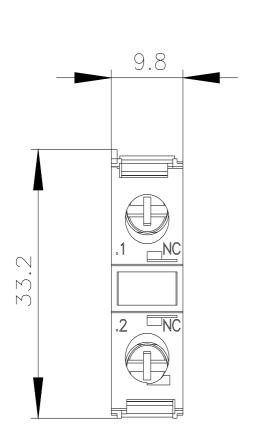
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-1CA0

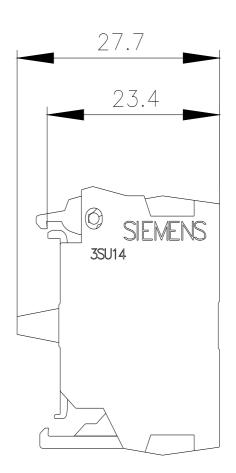
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

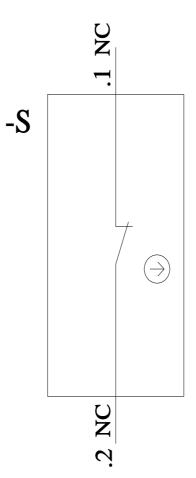
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-1CA0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1AA10-1CA0&lang=en







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