SIEMENS

Data sheet

3SU1400-1AA10-3QA0-Z X90

Contact module with 2 contact elements, 1 NO+1 NC, gold-plated contacts, spring-type terminal, for front plate mounting, Z=150-unit packaging

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 (switching cycles) typical	10 000 000
electrical endurance (switching 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

Inumber of NC contacts for auxiliary contacts 1 1 2 2 2 2 2 2 2 2		
Number of NO contacts for auxillary contacts elading contacts elading contact 0 0 0 0 0 0 0 0 0	number of NC contacts for auxiliary contacts	1
eleading contact 0 0 0 0 0 0 0 0 0	lagging switching	0
0 22 V rated value	number of NO contacts for auxiliary contacts	1
eat 24 V rated value	leading contact	0
## at 48 V rated value ## at 490 V rated value ## at 400 V rated value ## at 500 V rated value ## at 500 V rated value ## at 400 V rated value ## at 500 V rated value ## at 5	operational current at AC-12	
at 110 V rated value	 at 24 V rated value 	10 A
** at 230 V rated value	 at 48 V rated value 	10 A
• at 400 V rated value 6 A	 at 110 V rated value 	10 A
a 24 V rated value	 at 230 V rated value 	8 A
at 24 V rated value	at 400 V rated value	8 A
• at 48 V rated value • at 110 V rated value • at 130 V rated value • at 400 V rated value • at 4500 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 110 V rated value • at 130 V rated value • at 48 V rated value • at 490 V rated value • at 48 V rated value • at 500 V rated value • at 600 V	operational current at AC-15	
e at 110 V rated value	at 24 V rated value	6 A
• at 230 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value operational current at DC-12 • at 24 V rated value • at 110 V rated value • at 110 V rated value • at 110 V rated value • at 230 V rated value • at 230 V rated value • at 230 V rated value • at 400 V rated value • at 300 V rated value • at 400 V rated value • at 48 V rated value • at 48 V rated value • at 410 V rated value • at 410 V rated value • at 400 V rated value • at 400 V rated value • at 400 V rated value • at 500 V rated value • at 400 V rated value • at 500 V rated v	at 48 V rated value	6 A
• at 400 V rated value • at 500 V rated value • at 500 V rated value • at 24 V rated value • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 400 V rated value • at 500 V rated value • a	at 110 V rated value	6 A
• at 500 V rated value	at 230 V rated value	6 A
Operational current at DC-12	at 400 V rated value	3 A
at 24 V rated value	at 500 V rated value	1.4 A
at 48 V rated value at 110 V rated value 2.5 A at 110 V rated value 1 A at 400 V rated value 3.3 A operational current at DC-13 at 24 V rated value 3.4 A at 48 V rated value 3.5 A 3.5 A 3.5 A 3.6 A 3.7 A 3.7 A 3.8 A 3.8 A 3.9 A 3.9 A 3.9 A 3.0 A	operational current at DC-12	
at 48 V rated value at 110 V rated value 2.5 A at 110 V rated value 1 A at 400 V rated value 2.5 A 3.3 A 3.4 A 3.500 V rated value 3.3 A 3.4 A 3.4 V rated value 3.5 A 3.5 A 3.6 V rated value 3.6 A 3.7 A 3.7 A 3.8 V rated value 3.8 A 3.9 A 3.0 V rated value 3.9 A 3.0 V rated value 3.1 A 3.0 V rated value 3.1 A 3.0 V rated value 3.1 A 3.1 V rated value 3.2 A 3.3 A 3.4 V rated value 3.4 V rated value 3.5 A 3.6 V rated value 3.6 V rated value 3.7 A 3.8 V rated value 3.8 A 3.9 V rated value 3.9 V rated value 3.9 V rated value 3.9 V rated value 3.1 A 3.0 V rated value 3.1 A 3.1 A 3.2 V rated value 3.3 A 3.4 V rated value 3.4 V rated value 3.5 A 3.6 V rated value 3.7 A 3.7 A 3.8 V rated value 3.8 V rated value 3.9 V rated value 3.9 V rated value 3.1 A 3.1 A 3.1 V rated value 3.2 V (0.1 A 3.1 A 3.2 V rated value 3.3 A 3.4 V rated value 3.4 V rated value 3.5 V rated value 3.6 V rated value 3.7 A 3.8 V rated value 3.8 V rated value 3.8 V rated value 3.9 V rated value 3.8 V rated value 3.9 V rated value 3.9 V rated value 3.0 V rated value 3.7 S rated value 3.8 V rated	•	10 A
		5 A
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Further information		
Information- and Downloadcenter (Catalogs, Brochures,)		

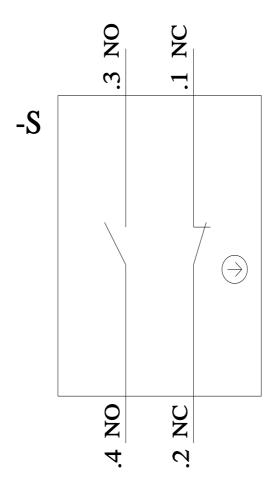
Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1400-1AA10-3QA0-Z X90

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-3QA0-Z X90

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