3SU1400-2AA10-3BA0

Data sheet



Contact module with 1 contact element, 1 NO, spring-type terminal, for floor mounting, Minimum order quantity 5 or a multiple thereof

product designation product type designation 3SUI Contact block/ lampholder socket design other Ceneral technical data product function positive opening No insulation voltage rated value 500 V degree of pollution 3 type of voltage AC/DC of the input voltage AC/DC of the input voltage AC/DC of the input voltage AC/DC of the enclosure of the	product brand name	SIRIUS ACT
Contact block/ lampholder socket design General bechnical data product function positive opening insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage of the operating voltage of the operating voltage of the input voltage and value of the input voltage and value of the input voltage and value of the enclosure of the enclosure of the terminal liP20 shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-8 for railway applications according to EN 61373 category 1, Class B vibration resistance of the railway applications according to EN 61373 category 1, Class B category 1,	product designation	Contact module
sockat design General technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage of the input voltage AC/DC AC/DC surge voltage resistance rated value of the enclosure of the enclosure of the enclosure of the terminal shock resistance according to IEC 60088-2-27 for railway applications according to EN 61373 voltration resistance according to IEC 60088-2-6 for railway applications according to EN 61373 category 1, Class B 10 500 Hz: 5g of railway applications according to EN 61373 category 1, Class B voltration residence according to IEC 60088-2-6 for railway applications according to EN 61373 operating frequency maximum according to IEC 60088-2-6 operating frequency maximum according to IEC 60088-2-6 operating requency maximum according to IEC 81346-2 scontinuous current to the C characteristic MCB 10 A reference code according to IEC 81346-2 scontinuous current of the C characteristic MCB 10 A substance Operating voltage of the C characteristic MCB at AC at 50 Hz rated value operating voltage ot ACC at 50 Hz rated value 5 500 V operating voltage ot ACC Auxiliary circuit design of the contact of auxiliary contacts Silver alloy Silver alloy	product type designation	3SU1
Ceneral technical data product function positive opening insulation voltage rated value degree of pollution type of voltage of the operating voltage of the operating voltage of the input voltage of the input voltage AC/DC surge voltage resistance rated value of the terminal of the enclosure of the terminal of the ter	Contact block/ lampholder	
product function positive opening insulation voltage rated value degree of pollution 3 type of voltage of the operating voltage of the operating voltage of the operating voltage of the input voltage AC/DC surge voltage resistance rated value protection class IP of the enclosure of the enclosure of the enclosure of the terminal shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 operating frequency maximum 3 6001/h mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating to IEC 81346-2 continuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value — at 60 Hz rated value — at DC rated value at	socket design	other
insulation voltage rated value degree of pollution type of voltage of the operating voltage of the input voltage of the input voltage AC/DC AC/DC surge voltage resistance rated value of the enclosure of the enclosure of the terminal IP20 shock resistance according to IEC 60068-2-7 of or railway applications according to EN 61373 Vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 Category 1, Class B category 1, Cla	General technical data	
degree of pollution type of voltage of the operating voltage of the operating voltage of the input voltage of the input voltage of the endosure of the endosure of the terminal iP20 shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B vibration resistance according to IEC 60068-2-6 of or railway applications according to EN 61373 category 1, Class B overating frequency maximum according to IEC 60068-2-6 operating frequency maximum according to IEC 60068-2-6 operating frequency maximum according to IEC 81346-2 continuous current of the C characteristic MCB 10 A Substance Prohibitance (Date) operating voltage at AC at 50 Hz rated value at C at C at C at C operating voltage at AC at C at C at C at C operating voltage at AC at C at C at C operating voltage at AC at C at C at C operating voltage at AC at C at C at C operating voltage at AC at C at C at C operating voltage at AC at C at C at C operating voltage at AC at C at C operating voltage at AC at C at C operating voltage at AC at C operating voltage at AC operating voltage at C operati	product function positive opening	No
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of the operating voltage of the input voltage surge voltage resistance rated value protection class IP of the enclosure of the terminal IP20 shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 Category 1, Class B vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B vibration resistance of railway applications according to EN 61373 operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical in 10 A reference code according to IEC 81346-2 scontinuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage	degree of pollution	3
of the input voltage surge voltage resistance rated value protection class IP of the enclosure of the terminal in IP20 shock resistance ocarding to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance ocarding to IEC 60068-2-6 of railway applications according to EN 61373 vibration resistance ocarding to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance ocarding to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B operating frequency maximum ocarding to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B operating frequency maximum ocarding to IEC 60068-2-6 of railway applications according to IEC 81346-2 electrical endurance (operating cycles) typical thermal current 10 A reference code according to IEC 81346-2 s continuous current of the C characteristic MCB 10 A Substance Prohibitance (Date) operating voltage at AC - at 50 Hz rated value 5 500 V - at 60 Hz rated value 5 500 V - at 60 Hz rated value 5 500 V - at DC rated value 5 500 V One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (6 V, 1 mA) Auxiliary circuit design of the contact of auxiliary contacts Silver alloy	type of voltage	
surge voltage resistance rated value protection class IP of the enclosure of the enclosure of the terminal iP20 shock resistance according to IEC 60068-2-27 of or railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical thermal current 10 A reference code according to IEC 81346-2 continuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage at AC - at 50 Hz rated value 5 500 V - at 60 Hz rated value 5 500 V over 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	 of the operating voltage 	AC/DC
protection class IP of the enclosure of the terminal shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 category 1, Class B vibration resistance of railway applications according to EN 61373 category 1, Class B vibration resistance of railway applications according to EN 61373 category 1, Class B operating frequency maximum a 3 600 1/h mechanical service life (operating cycles) typical to 000 000 electrical endurance (operating cycles) typical thermal current 10 A reference code according to IEC 81346-2 continuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage of AC - at 50 Hz rated value - at 60 Hz value - at 60 Hz value - at 60 Hz value - a	of the input voltage	AC/DC
of the enclosure of the terminal index resistance according to IEC 60068-2-27 of railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B vibration resistance according to IEC 60068-2-6 of railway applications according to EN 61373 category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical thermal current 10 000 000 thermal current 10 A reference code according to IEC 81346-2 S continuous current of the C characteristic MCB 3ubstance Prohibitance (Date) operating voltage at AC —at 50 Hz rated value —at 60 Hz rated value at DC rated value at DC rated value at DC rated value at DC rated value one maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (6 V, 1 mA) Auxillary circuit design of the contact of auxiliary contacts Silver alloy	surge voltage resistance rated value	6 kV
of the terminal IP20 shock resistance according to IEC 60068-2-27	protection class IP	
shock resistance according to IEC 60068-2-27 for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 operating frequency maximum according frequency maximum mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical thermal current reference code according to IEC 81346-2 continuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage at AC at 50 Hz rated value at AC at 50 Hz rated value at Cordinated value at DC rated value at DC rated value one at DC rated value one at DC rated value 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	 of the enclosure 	IP40
according to IEC 60068-2-27 inusoidal half-wave 15g / 11 ms Category 1, Class B vibration resistance according to IEC 60068-2-6 in railway applications according to EN 61373 Category 1, Class B vibration resistance inusoidal half-wave 15g / 11 ms category 1, Class B vibration resistance inusoidal half-wave 15g / 11 ms category 1, Class B operating frequency maximum inusoidal half-wave 15g / 11 ms category 1, Class B operating frequency maximum inusoidal half-wave 15g / 11 ms category 1, Class B operating frequency maximum inusoidal half-wave 15g / 11 ms category 1, Class B operating frequency maximum inusoidal half-wave 15g / 11 ms category 1, Class B operating frequency maximum inusoidal half-wave 15g / 11 ms category 1, Class B operating to IEC 60068-2-6 inusoidal half-wave 15g / 11 ms category 1, Class B operating to IEC 60068-2-6 inusoidal half-wave 15g / 11 ms category 1, Class B operating to IEC 60068-2-6 inusoidal half-wave 15g / 11 ms category 1, Class B operating to IEC 60068-2-6 inusoidal half-wave 15g / 11 ms category 1, Class B operating to IEC 60068-2-6 inusoidal half-wave 15g / 11 ms category 1, Class B operating to IEC 60068-2-6 category 1, Class B operating to IEC 60069-1 operating volusoidal from 10 000 000 thermal current 10 000	of the terminal	IP20
for railway applications according to EN 61373 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B operating frequency maximum	shock resistance	
vibration resistance • according to IEC 60068-2-6 • for railway applications according to EN 61373 category 1, Class B operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical 10 000 000 thermal current 10 A reference code according to IEC 81346-2 continuous current of the C characteristic MCB Substance Prohibitance (Date) 10/01/2014 operating voltage • at AC — at 50 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) Auxilliary circuit design of the contact of auxiliary contacts Silver alloy	according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• according to IEC 60068-2-6 • for railway applications according to EN 61373 Operating frequency maximum 3 600 1/h mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical 10 000 000 electrical endurance (operating cycles) typical 10 A reference code according to IEC 81346-2 continuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 50 Hz rated value • at DC rated value 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	 for railway applications according to EN 61373 	Category 1, Class B
• for railway applications according to EN 61373 Operating frequency maximum	vibration resistance	
operating frequency maximum mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical 10 000 000 thermal current 10 A reference code according to IEC 81346-2 continuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value • at DC rated value • at DC rated value Substance Prohibitance • at DC rated value • at DC rated value Substance Prohibitance • at DC rated value • at DC rated value Substance Prohibitance • at AC — at 50 Hz rated value • at DC rated value • at DC rated value Substance Prohibitance • at DC rated value • at DC rated value • at DC rated value Substance Prohibitance Substance Prohibitance 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	according to IEC 60068-2-6	10 500 Hz: 5g
mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical thermal current 10 A reference code according to IEC 81346-2 Continuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — 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	 for railway applications according to EN 61373 	Category 1, Class B
electrical endurance (operating cycles) typical thermal current reference code according to IEC 81346-2 continuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value • at DC rated value Substance Prohibitance (Date) • at MC — at 50 Hz rated value • at 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	operating frequency maximum	3 600 1/h
thermal current reference code according to IEC 81346-2 continuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — 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	mechanical service life (operating cycles) typical	10 000 000
reference code according to IEC 81346-2 continuous current of the C characteristic MCB Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — 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	electrical endurance (operating cycles) typical	10 000 000
continuous current of the C characteristic MCB Substance Prohibitance (Date) 10/01/2014 operating voltage • at AC — at 50 Hz rated value — 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	thermal current	10 A
Substance Prohibitance (Date) operating voltage • at AC — at 50 Hz rated value — 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	reference code according to IEC 81346-2	S
operating voltage	continuous current of the C characteristic MCB	10 A
at AC — at 50 Hz rated value — at 60 Hz rated value at DC 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	Substance Prohibitance (Date)	10/01/2014
- 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	operating voltage	
- 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	• at AC	
● 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	— at 50 Hz 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	— at 60 Hz rated value	5 500 V
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	 at DC rated value 	5 500 V
Auxiliary circuit design of the contact of auxiliary contacts Silver alloy	Power Electronics	
design of the contact of auxiliary contacts Silver alloy	contact reliability	
	Auxiliary circuit	
number of NC contacts for auxiliary contacts	design of the contact of auxiliary contacts	Silver alloy
	number of NC contacts for auxiliary contacts	0

lagging switching number of NO contacts for auxiliary contacts	0
TOTAL OF THE PROPERTY OF THE STATE OF THE ST	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 10 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	
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)
Installation/ mounting/ dimensions	
fastening method	floor mounting
of modules and accessories	Floor mounting
hoight	36 mm
height	9.8 mm
width	0.0
	27.7 mm
width depth suitability for integration	
width depth suitability for integration • plastic enclosure	27.7 mm Yes
width depth suitability for integration • plastic enclosure • metal enclosure	27.7 mm
width depth suitability for integration • plastic enclosure	27.7 mm Yes





Confirmation





<u>KC</u>







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=3SU1400-2AA10-3BA0

Cax online generator

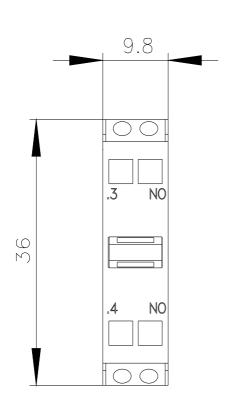
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-2AA10-3BA0

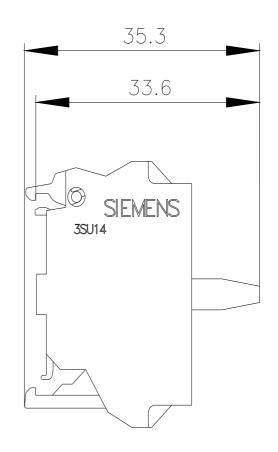
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

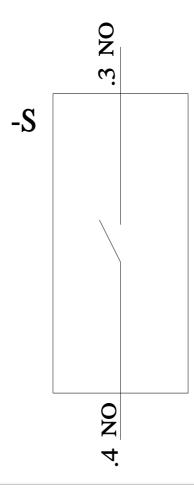
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-2AA10-3BA0

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-2AA10-3BA0&lang=en







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