## **SIEMENS**

## **Data sheet**



Contact module with 1 contact element, 1 NO, spring-type terminal, for front plate mounting, Z = minimum order quantity 1 or a multiple thereof

Product type designation   SSU1	product brand name	SIRIUS ACT
product type designation Sontact block/ lampholder Socket design Other Clunction positive opening No insulation voltage rated value 500 V degree of poliution 3  ***type of voltage** **of the operating voltage AC/DC **of the input voltage AC/DC **of the enclosure   IP40 **of the input voltage   IP40 **of the enclosure   IP40 **of the input voltage   IP40 **of the input voltage   IP40 **of the enclosure   IP40 **of the enclosure   IP40 **of the input voltage   IP40 **of railway applications according to EN 61373   Category 1, Class B  **vibration resistance   IP40 **or railway applications according to EN 61373   Category 1, Class B  **vibration resistance   IP40 **or railway applications according to EN 61373   Category 1, Class B  **operating frequency maximum   3 600 1/h   IP40 **or railway applications according to EN 61373   Category 1, Class B  **operating frequency maximum   3 600 1/h   IP40 **operating frequency maximum   3 600 1/h   IP40 **operating frequency maximum   3 600 1/h   IP40 **operating voltage   IP40 **operating volt	· ·	
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Socket design  Sonoral technical data  Sonoral technical data  Froduct function positive opening  insulation voltage rated value  Sonoral voltage  of the operating voltage of the input voltage  of the input voltage  AC/IDC  surge voltage resistance rated value of the enclosure of the terminal  Froduction class IP of the enclosure of the terminal of the enclosure of the terminal shock resistance of trailway applications according to EN 61373 Category 1, Class B  vibration resistance operating frequency maximum mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical thermal current reference code according to IEC 81346-2 Sonothicous current of the C characteristic MCB operating voltage  o at AC  operating voltage  o at AC  operating voltage  o at AC  at DC rated value o at DC rated value o at DC rated value o at DC rated value on at DC ra		
Foreitz 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 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 1000 000  thermal current 10 A   10 A    reference code according to IEC 81346-2   S  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 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   5 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value   6 500 V    — at 60 Hz rated value		other
product function positive opening		
Insulation voltage rated value  degree of pollution  type of voltage  of the operating voltage of the input voltage AC/DC  surge voltage resistance rated value of the enclosure of the terminal of the enclosure of the terminal iP20  shock resistance  • according to IEC 60068-2-27 of railway applications according to EN 61373 Category 1, Class B  vibration resistance • according to IEC 60068-2-6 of ror railway applications according to EN 61373 Category 1, Class B  vibration resistance • according to IEC 60068-2-6 of ror 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 electrical endurance (operating cycles) typical continuous current of the C characteristic MCB operating voltage • at AC — at 50 Hz rated value	product function positive opening	No
degree of pollution         3           type of voltage         AC/DC           of the operating voltage         AC/DC           surge voltage resistance rated value         6 kV           protection class IP         IP40           of the enclosure         IP40           of the terminal         IP20           shock resistance         according to IEC 60068-2-27           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         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           operating voltage         at AC           — at 50 Hz rated value         5 500 V           at DC rated value		500 V
type of voltage of the operating voltage of the input voltage AC/DC surge voltage resistance rated value of the enclosure of the enclosure of the enclosure of the eminal iP20  shock resistance according to IEC 60068-2-27 of railway applications according to EN 61373 Category 1, Class B  vibration resistance according to IEC 60068-2-6 of for railway applications according to EN 61373 Category 1, Class B  vibration resistance ocacording to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B  vibration resistance ocacording to IEC 60068-2-6 of railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 3 800 1/h mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating to IEC 81346-2 S continuous current of the C characteristic MCB operating voltage ot AC — at 50 Hz rated value ot AC — at 50 Hz rated value ot AC — at 60 Hz rated value ot AC  ot Category 1, Class B  Operating frequency maximum 3 800 1/h  To 000 0000  To 000 000  To 000 0		3
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 for railway applications according to EN 61373  vibration resistance according to IEC 60068-2-6 of ror railway applications according to EN 61373  category 1, Class B  vibration resistance of ror 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 electrical endurance of the C characteristic MCB  operating voltage ot at AC — at 50 Hz rated value ot at AC — at 50 Hz rated value ot at OC — at 60 Hz rated value ot at OC ot action of the C characteristic MCB ot at OC other contact deliability 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 number of NC contacts for auxiliary contacts Silver alloy		
of the input voltage     surge voltage resistance rated value     of the enclosure     of the enclosure     of the terminal     iP20  shock resistance     ocacording to IEC 60068-2-27     of or railway applications according to EN 61373  vibration resistance     ocacording to IEC 60068-2-6     of or railway applications according to EN 61373  vibration resistance     ocacording to IEC 60068-2-6     of or railway applications according to EN 61373  category 1, Class B  vibration resistance     ocacording to IEC 60068-2-6     of or railway applications according to EN 61373  category 1, Class B  operating frequency maximum     ocacording to IEC 60068-2-6     of railway applications according to EN 61373  category 1, Class B  operating frequency maximum     ocacording to IEC 60068-2-6     of or allway applications according to EN 61373  category 1, Class B  operating frequency maximum     ocacording to IEC 60068-2-6     on 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     or at AC     ocacording to IEC 81346-2     ocacording to IEC 81346-		AC/DC
surge voltage resistance rated value  of the enclosure of the terminal of the terminal lP20  shock resistance according to IEC 60068-2-27 sinusoidal half-wave 15g / 11 ms category 1, Class B  vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B  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 lo 000 000 electrical endurance (operating cycles) typical lo 000 000 thermal current 10 A  reference code according to IEC 81346-2 Scontinuous current of the C characteristic MCB operating voltage at AC — at 50 Hz rated value — at 60 Hz rated value  at DC rated value  5 500 V  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 number of NC contacts for auxiliary contacts 0		
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  vibration resistance according to IEC 60068-2-6 of or 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 3 600 1/h mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical for A  Operating voltage  o at AC  — at 50 Hz rated value 5 500 V  at DC rated value 5 500 V  out at DC rated value 5 500 V  out at DC rated value 5 500 V  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		
of the enclosure of the terminal lP20  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 vibration resistance according to IEC 60068-2-6 for railway applications according to EN 61373 Category 1, Class B  operating frequency maximum 3600 1/h mechanical service life (operating cycles) typical electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical lot 000 000  terference code according to IEC 81346-2 Scontinuous current of the C characteristic MCB operating voltage at AC —at 50 Hz rated value -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 Sliver alloy  number of NC contacts for auxiliary contacts  Sliver alloy		
shock resistance	·	IP40
* 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  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 electrical endurance (operating cycles) typical electrical endurance (operating cycles) typical  freference code according to IEC 81346-2  continuous current of the C characteristic MCB  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  or at DC rated value  Subov  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  O	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	
• 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	<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
* 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 S continuous current of the C characteristic MCB operating voltage     * at AC	<ul> <li>for railway applications according to EN 61373</li> </ul>	
• 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     thermal current     10 A     reference code according to IEC 81346-2     S     continuous current of the C characteristic MCB     operating voltage           • at AC	vibration resistance	
operating frequency maximum  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  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value • at DC rated value • at DC rated value • out Created value • at DC rated value • at DC ra	• according to IEC 60068-2-6	10 500 Hz: 5g
operating frequency maximum  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  operating voltage  • at AC  — at 50 Hz rated value — at 60 Hz rated value • at DC rated value • at DC rated value • out Created value • at DC rated value • at DC ra	<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
electrical endurance (operating cycles) typical  thermal current  10 A  reference code according to IEC 81346-2  continuous current of the C characteristic MCB  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  Auxiliary circuit  design of the contact of auxiliary contacts  Silver alloy  number of NC contacts for auxiliary contacts  0		3 600 1/h
thermal current  reference code according to IEC 81346-2  continuous current of the C characteristic MCB  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  number of NC contacts for auxiliary contacts  0	mechanical service life (operating cycles) typical	10 000 000
reference code according to IEC 81346-2  continuous current of the C characteristic MCB  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  number of NC contacts for auxiliary contacts  0	electrical endurance (operating cycles) typical	10 000 000
continuous current of the C characteristic MCB  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 number of NC contacts for auxiliary contacts 0	thermal current	10 A
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  number of NC contacts for auxiliary contacts 0	reference code according to IEC 81346-2	S
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  number of NC contacts for auxiliary contacts  0	continuous current of the C characteristic MCB	10 A
- 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  number of NC contacts for auxiliary contacts 0	operating voltage	
- at 60 Hz rated value 5 500 V  o 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 number of NC contacts for auxiliary contacts 0	• at AC	
at DC rated value	— at 50 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 number of NC contacts for auxiliary contacts 0	— 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  number of NC contacts for auxiliary contacts  0	<ul> <li>at DC rated value</li> </ul>	5 500 V
(5 V, 1 mÅ)  Auxiliary circuit  design of the contact of auxiliary contacts  number of NC contacts for auxiliary contacts  0	Power Electronics	
design of the contact of auxiliary contacts  Silver alloy  number of NC contacts for auxiliary contacts  0	contact reliability	
number of NC contacts for auxiliary contacts 0	Auxiliary circuit	
	design of the contact of auxiliary contacts	Silver alloy
• lagging switching 0	number of NC contacts for auxiliary contacts	0
	<ul><li>lagging switching</li></ul>	0

Leading contact   0
operational current at AC-12
• at 400 V rated value
operational current at AC-15
<ul> <li>at 24 V rated value</li> <li>at 48 V rated value</li> <li>6 A</li> <li>at 110 V rated value</li> <li>6 A</li> <li>at 230 V rated value</li> <li>3 A</li> <li>at 500 V rated value</li> <li>1.4 A</li> </ul> Operational current at DC-12 <ul> <li>at 24 V rated value</li> <li>at 48 V rated value</li> <li>at 48 V rated value</li> <li>at 110 V rated value</li> <li>at 210 V rated value</li> <li>at 25 A</li> <li>at 210 V rated value</li> <li>at 200 V rated value</li> <li>at 200 V rated value</li> <li>at 400 V rated value</li> <li>at 300 V rated value</li> <li>at 300 V rated value</li> <li>at 220 V rated value</li> <li>at 224 V rated value</li> <li>at 24 V rated value</li> <li>at 24 V rated value</li> <li>at 24 V rated value</li> <li>at 25 A</li> <li>at 24 V rated value</li> <li>at 3 A</li> <li>at 24 V rated value</li> <li>at 3 A</li> <li>at 25 V rated value</li> <li>at 30 V rated value</li> <li>at 30 V rated value</li> <li>at 30 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 5 A</li> <li>at 400 V rated value</li> <li>at 5 A</li> <li>at 500 V rated value</li> <li>at 600 V rated value</li> <li>at 700 V rated value&lt;</li></ul>
• at 110 V rated value • at 230 V rated value • at 400 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value • at 48 V rated value • at 400 V rated value • at 300 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 400 V rated value • at 110 V rated value • at 230 V rated value • at 230 V rated value • at 230 V rated value • at 500 V rated value • 20.1 A  Connections/ Terminals  type of electrical connection • spring-loaded terminals  type of connectable conductor cross-sections • solid without core end processing • finely stranded with core end processing • finely stranded with core end processing • finely stranded without core end processing • for AWG cables
• at 230 V rated value • at 400 V rated value • at 500 V rated value • at 500 V rated value  operational current at DC-12 • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 110 V rated value • at 230 V rated value • at 230 V rated value • 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 25 A • at 24 V rated value • at 48 V rated value • at 400 V rated value • at 110 V rated value • at 230 V rated value • at 250 V rated value • at 250 V rated value • at 250 V rated value • at 500 V rated value • 20.1 A  Connections/ Terminals  type of electrical connection  spring-loaded terminals  type of connectable conductor cross-sections • solid without core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • finely stranded without core end processing • finely stranded without core end processing • for AWG cables
• at 500 V rated value  operational current at DC-12  • at 24 V rated value • at 48 V rated value • at 48 V rated value • at 110 V rated value • at 230 V rated value • at 230 V rated value • at 500 V rated value • at 24 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 500 V rated valu
operational current at DC-12         at 24 V rated value         10 A           e at 48 V rated value         5 A           e at 110 V rated value         2.5 A           e at 230 V rated value         1 A           e at 400 V rated value         0.3 A           e at 500 V rated value         3 A           operational current at DC-13         3 A           e at 24 V rated value         3 A           e at 110 V rated value         0.7 A           e at 230 V rated value         0.3 A           e at 400 V rated value         0.1 A           e at 500 V rated value         0.1 A           e of 500 V rated value         0.1 A           e of 900 V rated value         0.1 A           e 300 V rated value         0.1 A
<ul> <li>at 24 V rated value</li> <li>at 48 V rated value</li> <li>at 110 V rated value</li> <li>at 230 V rated value</li> <li>at 230 V rated value</li> <li>at 500 V rated value</li> <li>at 500 V rated value</li> <li>at 24 V rated value</li> <li>at 25 V rated value</li> <li>at 210 V rated value</li> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 600 V rated value</li> <li>at 6</li></ul>
<ul> <li>at 48 V rated value</li> <li>at 110 V rated value</li> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 24 V rated value</li> <li>at 230 V rated value</li> <li>at 230 V rated value</li> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>at 700 V rated value</li> <li></li></ul>
<ul> <li>at 110 V rated value</li> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>3 A</li> <li>operational current at DC-13</li> <li>at 24 V rated value</li> <li>at 8 V rated value</li> <li>at 110 V rated value</li> <li>at 110 V rated value</li> <li>at 230 V rated value</li> <li>at 230 V rated value</li> <li>at 250 V rated value</li> <li>at 500 V rated value</li> <li>at 150 V rated value</li> <li>at 100 V rated value</li> <li>at 200 V rated value</li> <li>at 20</li></ul>
■ at 230 V rated value     ■ at 400 V rated value     ■ at 500 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 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 500 V rated value     ■ at 230 V rated value     ■ at 230 V rated value     ■ at 240 V rated value     ■ at 250 V rated value     ■ at 260 V rated v
■ at 400 V rated value     ■ at 500 V rated value     ■ 3 A      operational current at DC-13      ■ at 24 V rated value     ■ at 48 V rated value     ■ at 110 V rated value     ■ at 110 V rated value     ■ at 230 V rated value     ■ at 230 V rated value     ■ at 400 V rated value     ■ at 500 V rated value     ■ at 230 V rated value
● at 500 V rated value         0.3 A           operational current at DC-13         3 A           ● at 24 V rated value         3 A           ● at 48 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         spring-loaded terminals           type of electrical connection         spring-loaded terminals           type of connectable conductor cross-sections         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)
operational current at DC-13
<ul> <li>at 24 V rated value</li> <li>at 48 V rated value</li> <li>at 110 V rated value</li> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>be 10.1 A</li> <li>connections/ Terminals</li> <li>type of electrical connection</li> <li>spring-loaded terminals</li> <li>type of connectable conductor cross-sections</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>at (0.25 1.5 mm²)</li> <li>finely stranded without core end processing</li> <li>at (0.25 1.5 mm²)</li> <li>at (0.25</li></ul>
<ul> <li>at 24 V rated value</li> <li>at 48 V rated value</li> <li>at 110 V rated value</li> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>be 10.1 A</li> <li>connections/ Terminals</li> <li>type of electrical connection</li> <li>spring-loaded terminals</li> <li>type of connectable conductor cross-sections</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>at (0.25 1.5 mm²)</li> <li>finely stranded without core end processing</li> <li>at (0.25 1.5 mm²)</li> <li>at (0.25</li></ul>
<ul> <li>at 110 V rated value</li> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>0.1 A</li> </ul> Connections/ Terminals type of electrical connection <ul> <li>spring-loaded terminals</li> </ul> type of connectable conductor cross-sections <ul> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (0.25 1.5 mm²)</li> </ul> 4 (0.25 1.5 mm²) <ul> <li>for AWG cables</li> <li>2x (24 16)</li> </ul>
<ul> <li>at 230 V rated value</li> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>0.1 A</li> </ul> Connections/ Terminals type of electrical connection <ul> <li>spring-loaded terminals</li> </ul> type of connectable conductor cross-sections <ul> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (0.25 1.5 mm²)</li> </ul> 2x (0.25 1.5 mm²) <ul> <li>for AWG cables</li> <li>2x (24 16)</li> </ul>
<ul> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>0.1 A</li> </ul> Connections/ Terminals type of electrical connection spring-loaded terminals type of connectable conductor cross-sections <ul> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> <li>0.1 A</li> <li>0.1 A</li> <li>0.1 A</li> <li>0.1 A</li> <li>0.1 A</li> </ul> 2x (0.25 1.5 mm²) <ul> <li>for AWG cables</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (0.25 1.5 mm²)</li> </ul> 2x (0.25 1.5 mm²) <ul> <li>for AWG cables</li> <li>2x (24 16)</li> </ul>
<ul> <li>at 400 V rated value</li> <li>at 500 V rated value</li> <li>0.1 A</li> </ul> Connections/ Terminals type of electrical connection <ul> <li>spring-loaded terminals</li> </ul> type of connectable conductor cross-sections <ul> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> <li>0.1 A</li> <li>0.1 A</li> </ul> 2x (0.25 1.5 mm²) <ul> <li>2x (0.25 1.5 mm²)</li> <li>2x (0.25 1.5 mm²)</li> </ul> 2x (0.25 1.5 mm²) <ul> <li>for AWG cables</li> <li>2x (24 16)</li> </ul>
● at 500 V rated value  Connections/ Terminals  type of electrical connection  spring-loaded terminals  type of connectable conductor cross-sections  ● solid without core end processing  • finely stranded with core end processing  • finely stranded without core end processing  • for AWG cables  0.1 A  2x (0.25 1.5 mm²)
type of electrical connection  type of connectable conductor cross-sections  • solid without core end processing  • finely stranded with core end processing  • finely stranded without core end processing  • for AWG cables  spring-loaded terminals  2x (0.25 1.5 mm²)  2x (0.25 0.75 mm²)  2x (0.25 1.5 mm²)  2x (0.25 1.5 mm²)
type of electrical connection  spring-loaded terminals  type of connectable conductor cross-sections  • solid without core end processing  • finely stranded with core end processing  • finely stranded without core end processing  • for AWG cables  spring-loaded terminals  2x (0.25 1.5 mm²)  2x (0.25 0.75 mm²)  2x (0.25 1.5 mm²)  2x (0.25 1.5 mm²)
type of connectable conductor cross-sections  • solid without core end processing  • finely stranded with core end processing  • finely stranded without core end processing  • for AWG cables  2x (0.25 1.5 mm²)  2x (0.25 0.75 mm²)  2x (0.25 1.5 mm²)  2x (0.25 1.5 mm²)
<ul> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (24 16)</li> </ul>
<ul> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> <li>2x (0.25 0.75 mm²)</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (24 16)</li> </ul>
<ul> <li>finely stranded without core end processing</li> <li>for AWG cables</li> <li>2x (0.25 1.5 mm²)</li> <li>2x (24 16)</li> </ul>
• 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 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 36 mm
width 9.8 mm
depth 27.7 mm
suitability for integration
• plastic enclosure  Yes
metal enclosure     Yes
• metal enclosure Yes  Certificates/ approvals

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)

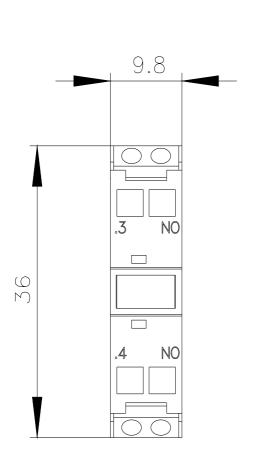
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1400-1AA10-3BA0-Z X01

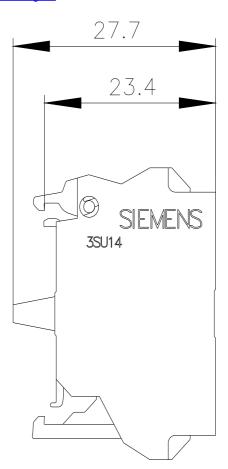
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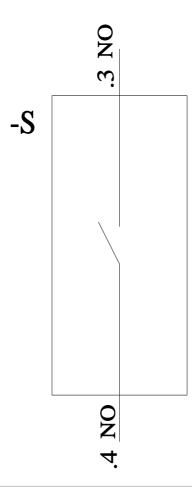
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1AA10-3BA0-Z X01

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1AA10-3BA0-Z X01

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1400-1AA10-3BA0-Z X01&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1400-1AA10-3BA0-Z X01&lang=en</a>







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