

Siemens  
EcoTech



holder, universal, 3-fold, plastic/metal, 1 NO, 1 NO, screw terminal

|                                                    |                                                      |
|----------------------------------------------------|------------------------------------------------------|
| product brand name                                 | SIRIUS ACT                                           |
| product designation                                | Holders                                              |
| design of the product                              | holder, universal for plastic/metal                  |
| product type designation                           | 3SU1                                                 |
| manufacturer's article number                      |                                                      |
| • of supplied contact module                       | 3SU1400-1AA10-1BA0, 3SU1400-1AA10-1BA0               |
| • of supplied contact module at position 1         | <a href="#">3SU1400-1AA10-1BA0</a>                   |
| • of supplied contact module at position 2         | <a href="#">3SU1400-1AA10-1BA0</a>                   |
| • of the supplied holder                           | <a href="#">3SU1550-0AA10-0AA0</a>                   |
| <b>Actuator</b>                                    |                                                      |
| design of the actuating element                    | 3-way with module                                    |
| number of modules attachable                       | 6                                                    |
| number of contact modules                          | 2                                                    |
| <b>Holder</b>                                      |                                                      |
| material of the holder                             | Plastic                                              |
| <b>Display</b>                                     |                                                      |
| number of LED modules                              | 0                                                    |
| <b>General technical data</b>                      |                                                      |
| product function positive opening                  | No                                                   |
| product component                                  |                                                      |
| • diode                                            | No                                                   |
| • lamp transformer                                 | No                                                   |
| • light source                                     | No                                                   |
| • series resistor                                  | No                                                   |
| insulation voltage rated value                     | 500 V                                                |
| degree of pollution                                | 3                                                    |
| surge voltage resistance rated value               | 6 kV                                                 |
| protection class IP of the terminal                | IP20                                                 |
| shock resistance                                   |                                                      |
| • according to IEC 60068-2-27                      | sinusoidal half-wave 15 g / 11 ms                    |
| • for railway applications according to EN 61373   | Category 1, Class B                                  |
| vibration resistance                               |                                                      |
| • according to IEC 60068-2-6                       | 10 ... 500 Hz: 5 g                                   |
| • for 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                                           |
| thermal current                                    | 10 A                                                 |
| reference code according to IEC 81346-2            | U                                                    |
| continuous current of the C characteristic MCB     | 10 A; for a short-circuit current smaller than 400 A |
| continuous current of the quick DIAZED fuse link   | 10 A                                                 |
| continuous current of the DIAZED fuse link gG      | 10 A                                                 |
| Substance Prohibitance (day/month/year)            | 10/01/2014                                           |
| Net Weight                                         | 38 g                                                 |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Silver alloy                                                                                               |
| number of NC contacts for auxiliary contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0                                                                                                          |
| number of NO contacts for auxiliary contacts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2                                                                                                          |
| operational current at AC-15 at 230 V rated value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 6 A                                                                                                        |
| Connections/ Terminals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                            |
| type of electrical connection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                            |
| • of modules and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Screw-type 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 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)                                                                                       |
| • for AWG cables                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2x (18 ... 14)                                                                                             |
| tightening torque of the screws in the bracket                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 ... 1.2 N·m                                                                                              |
| tightening torque                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                            |
| • with screw-type terminals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.8 ... 0.9 N·m                                                                                            |
| • for grounding                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0.8 ... 1 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, 3K6 (with relative air 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 40 mm                                                                                                      |
| width                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 30 mm                                                                                                      |
| shape of the installation opening                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | round                                                                                                      |
| mounting diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 22.5 mm                                                                                                    |
| installation width                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 30 mm                                                                                                      |
| installation depth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 49.8 mm                                                                                                    |
| thickness of the front plate usable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1 ... 6 mm                                                                                                 |
| Approvals Certificates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                            |
| Environmental Product Declaration                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                            |
| • global warming potential [CO2 eq] / during manufacturing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.625 kg                                                                                                   |
| • global warming potential [CO2 eq] / during operation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.235 kg                                                                                                   |
| • global warming potential [CO2 eq] / after end of life                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | -0.267 kg                                                                                                  |
| • global warming potential [CO2 eq] / total                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 0.593 kg                                                                                                   |
| Environment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                            |
| General Product Approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                            |
| <div><div><a href="#">Environmental Confirmations</a></div><div></div><div></div><div></div><div></div><div></div></div> |                                                                                                            |
| General Product Approval                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                            |
| Test Certificates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                            |
| Maritime application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                            |
| <div><div></div><div></div><div><a href="#">Type Test Certificates/Test Report</a></div><div><a href="#">Special Test Certificate</a></div><div></div><div></div></div>                                     |                                                                                                            |
| Maritime application                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                            |
| other                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                            |



[Confirmation](#)



#### Further information

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**Information for data generation and storage**

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

**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=3SU1550-1AA10-1NA0>

**Cax online generator**

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1550-1AA10-1NA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1550-1AA10-1NA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1550-1AA10-1NA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1550-1AA10-1NA0&lang=en)

last modified:

7/4/2026