

Siemens  
EcoTech



holder, 3-fold, plastic, 1 NO, LED module, green, 6-24 V AC/DC, screw terminal

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| product brand name                                 | SIRIUS ACT                         |
| product designation                                | Holders                            |
| design of the product                              | holder for plastic                 |
| product type designation                           | 3SU1                               |
| manufacturer's article number                      |                                    |
| • of supplied contact module                       | <a href="#">3SU1400-1AA10-1BA0</a> |
| • of supplied contact module at position 1         | <a href="#">3SU1400-1AA10-1BA0</a> |
| • of supplied LED module                           | <a href="#">3SU1401-1BG40-1AA0</a> |
| • of the supplied holder                           | <a href="#">3SU1500-0AA10-0AA0</a> |
| <b>Actuator</b>                                    |                                    |
| design of the actuating element                    | 3-way with module                  |
| number of contact modules                          | 1                                  |
| <b>Holder</b>                                      |                                    |
| material of the holder                             | Plastic                            |
| <b>Display</b>                                     |                                    |
| number of LED modules                              | 1                                  |
| <b>General technical data</b>                      |                                    |
| product function positive opening                  | No                                 |
| product component                                  |                                    |
| • diode                                            | Yes                                |
| • lamp transformer                                 | No                                 |
| • light source                                     | Yes                                |
| • series resistor                                  | No                                 |
| insulation voltage rated value                     | 320 V                              |
| degree of pollution                                | 3                                  |
| surge voltage resistance rated value               | 4 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                                                                                            |
| SVHC substance name                                                    | Lead monoxide (lead oxide) CAS-No. 1317-36-8<br>Melamine CAS-No. 108-78-1                             |
| Net Weight                                                             | 39 g                                                                                                  |
| operating voltage                                                      |                                                                                                       |
| • at AC                                                                |                                                                                                       |
| — at 50 Hz rated value                                                 | 6 ... 24 V                                                                                            |
| — at 60 Hz rated value                                                 | 6 ... 24 V                                                                                            |
| • at DC rated value                                                    | 6 ... 24 V                                                                                            |
| <b>Power Electronics</b>                                               |                                                                                                       |
| contact reliability                                                    | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)            |
| <b>Control circuit/ Control</b>                                        |                                                                                                       |
| inrush current of LED module maximum                                   | 2 A                                                                                                   |
| <b>Auxiliary circuit</b>                                               |                                                                                                       |
| design of the contact of auxiliary contacts                            | Silver alloy                                                                                          |
| number of NC contacts for auxiliary contacts                           | 0                                                                                                     |
| number of NO contacts for auxiliary contacts                           | 1                                                                                                     |
| operational current at AC-15 at 230 V rated value                      | 6 A                                                                                                   |
| <b>Connections/ Terminals</b>                                          |                                                                                                       |
| 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 mm <sup>2</sup> )                                                                    |
| • solid without core end processing                                    | 2x (1.0 ... 1.5 mm <sup>2</sup> )                                                                     |
| • finely stranded with core end processing                             | 2x (0.5 ... 1.5 mm <sup>2</sup> )                                                                     |
| • finely stranded without core end processing                          | 2x (1,0 ... 1,5 mm <sup>2</sup> )                                                                     |
| • 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                                                                                       |
| <b>Lamp</b>                                                            |                                                                                                       |
| type of light source                                                   | LED                                                                                                   |
| color of the light source                                              | green                                                                                                 |
| light intensity                                                        | 900 ... 1 800 mcd                                                                                     |
| <b>Ambient conditions</b>                                              |                                                                                                       |
| ambient temperature                                                    |                                                                                                       |
| • during operation                                                     | -25 ... +70 °C                                                                                        |
| • during storage                                                       | -40 ... +80 °C                                                                                        |
| environmental category during operation according to IEC 60721         | 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted) |
| <b>Installation/ mounting/ dimensions</b>                              |                                                                                                       |
| fastening method                                                       | front plate mounting                                                                                  |
| • of modules and accessories                                           | Front plate mounting                                                                                  |
| height                                                                 | 40 mm                                                                                                 |
| width                                                                  | 30 mm                                                                                                 |
| shape of the installation opening                                      | round                                                                                                 |
| installation width                                                     | 30 mm                                                                                                 |
| installation depth                                                     | 49.8 mm                                                                                               |
| thickness of the front plate usable                                    | 1 ... 6 mm                                                                                            |
| <b>Approvals Certificates</b>                                          |                                                                                                       |
| Environmental Product Declaration                                      |                                                                                                       |
| • global warming potential [CO <sub>2</sub> eq] / during manufacturing | 0.566 kg                                                                                              |
| • global warming potential [CO <sub>2</sub> eq] / during operation     | 0.235 kg                                                                                              |
| • global warming potential [CO <sub>2</sub> eq] / after end of life    | -0.0145 kg                                                                                            |
| • global warming potential [CO <sub>2</sub> eq] / total                | 0.787 kg                                                                                              |

## Environment

[Environmental Confirmations](#)

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## General Product Approval



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



[Confirmation](#)

## other



## 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=3SU1501-1AG40-1BA0>

Cax online generator

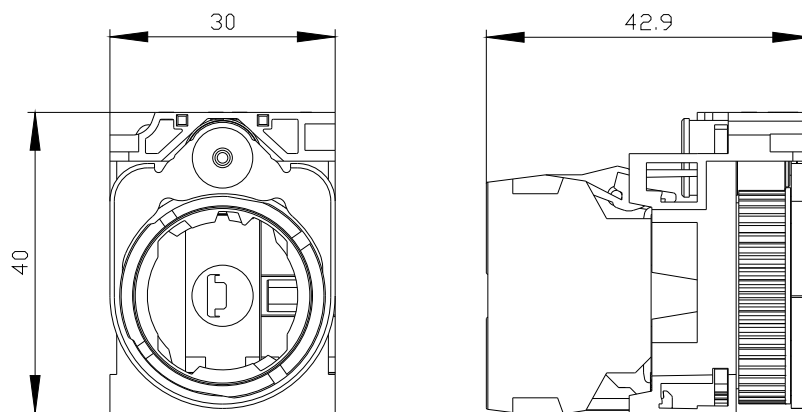
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1501-1AG40-1BA0>

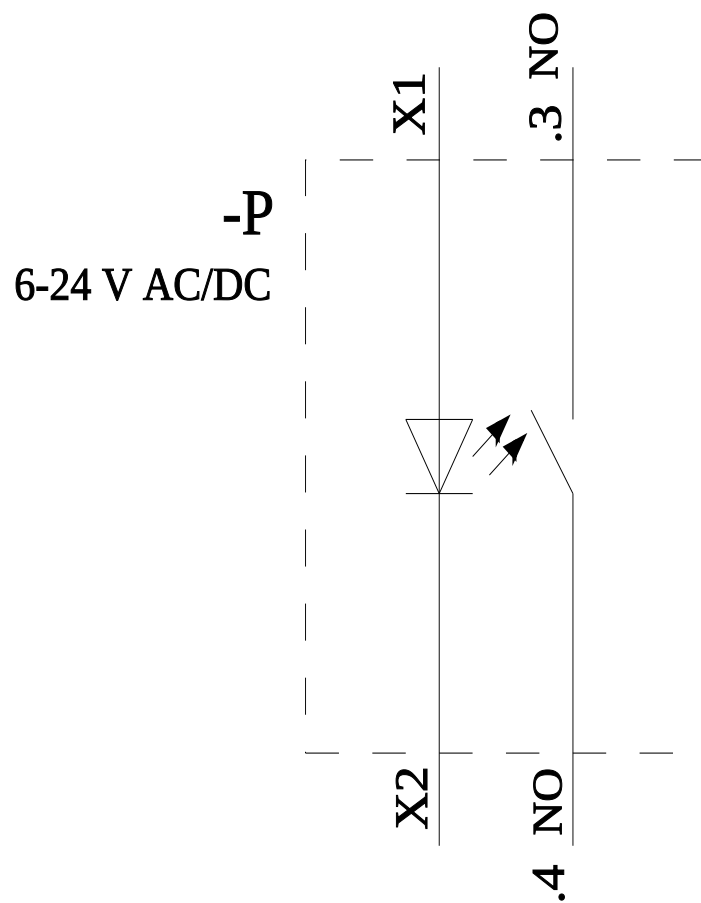
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1501-1AG40-1BA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1501-1AG40-1BA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1501-1AG40-1BA0&lang=en)





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