

Siemens  
EcoTech



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

|  |  |
|--|--|
| <b>product brand name</b>  | SIRIUS ACT   |
| <b>product designation</b>   | Holders  |
| <b>design of the product</b>   | holder for plastic   |
| <b>product type designation</b>  | 3SU1   |
| <b>manufacturer's article number</b>   |  |
| <ul style="list-style-type: none"> <li>• of supplied contact module</li> <li>• of supplied contact module at position 1</li> <li>• of supplied contact module at position 2</li> <li>• of supplied LED module</li> <li>• of the supplied holder</li> </ul> | 3SU1400-1AA10-1FA0, 3SU1400-1AA10-1FA0<br><a href="#">3SU1400-1AA10-1FA0</a><br><a href="#">3SU1400-1AA10-1FA0</a><br><a href="#">3SU1401-1BG40-1AA0</a><br><a href="#">3SU1500-0AA10-0AA0</a> |
| <b>Actuator</b>  |  |
| <b>design of the actuating element</b>   | 3-way with module  |
| <b>number of contact modules</b>   | 2  |
| <b>Holder</b>  |  |
| <b>material of the holder</b>  | Plastic  |
| <b>Display</b>   |  |
| <b>number of LED modules</b>   | 1  |
| <b>General technical data</b>  |  |
| <b>product function positive opening</b>   | Yes  |
| <b>product component</b>   |  |
| <ul style="list-style-type: none"> <li>• diode</li> <li>• lamp transformer</li> <li>• light source</li> <li>• series resistor</li> </ul>   | Yes<br>No<br>Yes<br>No   |
| <b>insulation voltage rated value</b>  | 320 V  |
| <b>degree of pollution</b>   | 3  |
| <b>surge voltage resistance rated value</b>  | 4 kV   |
| <b>protection class IP of the terminal</b>   | IP20, clamping screw tightened   |
| <b>shock resistance</b>  |  |
| <ul style="list-style-type: none"> <li>• according to IEC 60068-2-27</li> <li>• for railway applications according to EN 61373</li> </ul>  | sinusoidal half-wave 15 g / 11 ms<br>Category 1, Class B   |
| <b>vibration resistance</b>  |  |
| <ul style="list-style-type: none"> <li>• according to IEC 60068-2-6</li> <li>• for railway applications according to EN 61373</li> </ul>   | 10 ... 500 Hz: 5 g<br>Category 1, Class B  |
| <b>operating frequency maximum</b>   | 3 600 1/h  |
| <b>mechanical service life (operating cycles) typical</b>  | 10 000 000   |

|  |   |
|--|---|
| <b>thermal current</b>   | 10 A  |
| <b>reference code according to IEC 81346-2</b>                         | U   |
| <b>continuous current of the C characteristic MCB</b>                  | 10 A; for a short-circuit current smaller than 400 A  |
| <b>continuous current of the quick DIAZED fuse link</b>                | 10 A  |
| <b>continuous current of the DIAZED fuse link gG</b>                   | 10 A  |
| <b>Substance Prohibitance (Date)</b>                                   | 10/01/2014  |
| <b>SVHC substance name</b>   | Lead monoxide (lead oxide) CAS-No. 1317-36-8<br>Melamine CAS-No. 108-78-1                             |
| <b>Net Weight</b>  | 63 g  |
| <b>operating voltage</b>   |   |
| • 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>   |   |
| <b>contact reliability</b>   | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)            |
| <b>Control circuit/ Control</b>  |   |
| <b>inrush current of LED module maximum</b>                            | 2 A   |
| <b>Auxiliary circuit</b>   |   |
| <b>design of the contact of auxiliary contacts</b>                     | Silver alloy  |
| <b>number of NC contacts for auxiliary contacts</b>                    | 2   |
| <b>number of NO contacts for auxiliary contacts</b>                    | 2   |
| <b>operational current at AC-15 at 230 V rated value</b>               | 6 A   |
| <b>Connections/ Terminals</b>  |   |
| <b>type of electrical connection</b>                                   |   |
| • of modules and accessories   | Screw-type terminal   |
| <b>type of connectable conductor cross-sections</b>                    |   |
| • 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)  |
| <b>tightening torque of the screws in the bracket</b>                  | 1 ... 1.2 N·m   |
| <b>tightening torque</b>   |   |
| • with screw-type terminals  | 0.8 ... 0.9 N·m   |
| <b>Lamp</b>  |   |
| <b>type of light source</b>  | LED   |
| <b>color of the light source</b>                                       | green   |
| <b>light intensity</b>   | 900 ... 1 800 mcd   |
| <b>Ambient conditions</b>  |   |
| <b>ambient temperature</b>   |   |
| • during operation   | -25 ... +70 °C  |
| • during storage   | -40 ... +80 °C  |
| <b>environmental category during operation according to IEC 60721</b>  | 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted) |
| <b>Installation/ mounting/ dimensions</b>                              |   |
| <b>fastening method</b>  | front plate mounting  |
| • of modules and accessories   | Front plate mounting  |
| <b>height</b>  | 40 mm   |
| <b>width</b>   | 30 mm   |
| <b>shape of the installation opening</b>                               | round   |
| <b>installation width</b>  | 30 mm   |
| <b>installation depth</b>  | 71.8 mm   |
| <b>thickness of the front plate usable</b>                             | 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 [CO2 eq] / after end of life
- global warming potential [CO2 eq] / total

-0.0145 kg  
0.787 kg

Environment General Product Approval



[Environmental Con-  
firmations](#)



General Product Approval Maritime application other



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



[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=3SU1501-1AG40-1LA0>

Cax online generator

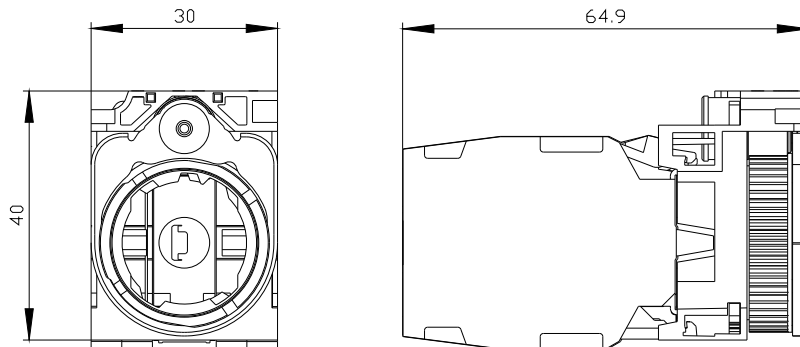
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1501-1AG40-1LA0>

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

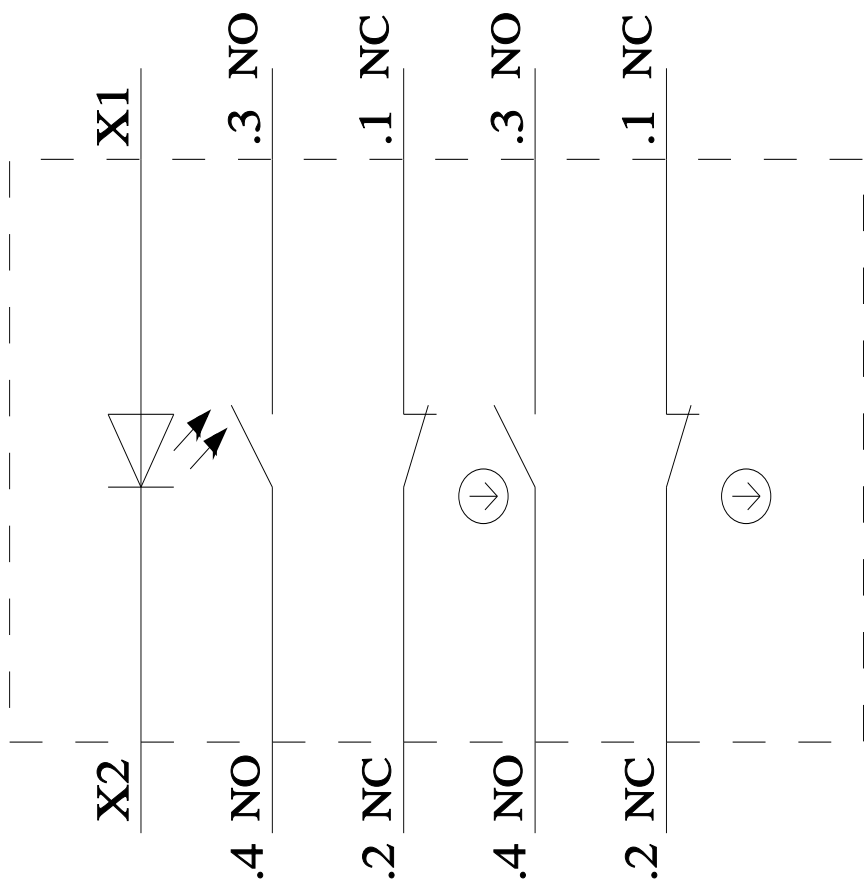
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1501-1AG40-1LA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1501-1AG40-1LA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1501-1AG40-1LA0&lang=en)



6-24 V AC/DC  
-P



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4/4/2026