

HOLDER FOR 3 MODULES, PLASTIC, 1NO, 1NO, LED MODULE, RED, 6-24V AC/DC, SCREW TERMINAL



Figure similar

|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product brand name                | SIRIUS ACT                                                                                                                                                                                                                                                                                                                                                                                                            |
| Product designation               | Holders                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product type designation          | 3SU1                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Manufacturer's article number     | <div><ul style="list-style-type: none"><li>• of supplied contact module3SU1400-1AA10-1BA0, 3SU1400-1AA10-1BA0</li><li>• 1 of supplied contact module<a href="#">3SU1400-1AA10-1BA0</a></li><li>• 2 of supplied contact module<a href="#">3SU1400-1AA10-1BA0</a></li><li>• of supplied LED module<a href="#">3SU1401-1BG20-1AA0</a></li><li>• of the supplied holder<a href="#">3SU1500-0AA10-0AA0</a></li></ul></div> |
| Actuator                          |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Design of the operating mechanism | 3-way with module                                                                                                                                                                                                                                                                                                                                                                                                     |
| Number of contact modules         | 2                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Holder                            |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Material of the holder            | Plastic                                                                                                                                                                                                                                                                                                                                                                                                               |
| Display                           |                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Number of LED modules             | 1                                                                                                                                                                                                                                                                                                                                                                                                                     |

## General technical data

|                                                         |                                                      |
|---------------------------------------------------------|------------------------------------------------------|
| <b>Product function</b>                                 |                                                      |
| • positive opening                                      | Yes                                                  |
| <b>Product component</b>                                |                                                      |
| • diode                                                 | Yes                                                  |
| • lamp transformer                                      | No                                                   |
| • Light source                                          | Yes                                                  |
| • series resistor                                       | No                                                   |
| <b>Insulation voltage</b>                               |                                                      |
| • rated value                                           | 320 V                                                |
| <b>Degree of pollution</b>                              | 3                                                    |
| <b>Surge voltage resistance rated value</b>             | 4 kV                                                 |
| <b>Protection class IP</b>                              |                                                      |
| • of the terminal                                       | IP20                                                 |
| <b>Shock resistance</b>                                 |                                                      |
| • acc. to IEC 60068-2-27                                | Sinusoidal half-wave 50 g / 11 ms                    |
| • for railway applications acc. to DIN EN 61373         | Category 1, Class B                                  |
| <b>Vibration resistance</b>                             |                                                      |
| • acc. to IEC 60068-2-6                                 | 10 ... 500 Hz: 5g                                    |
| • for railway applications acc. to DIN EN 61373         | Category 1, Class B                                  |
| <b>Operating frequency maximum</b>                      | 3 600 1/h                                            |
| <b>Mechanical service life (switching cycles)</b>       |                                                      |
| • typical                                               | 10                                                   |
| <b>Thermal current</b>                                  | 10 A                                                 |
| <b>Equipment marking</b>                                |                                                      |
| • acc. to DIN EN 61346-2                                | U                                                    |
| • acc. to DIN EN 81346-2                                | 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                                                 |

## Main circuit

|                          |            |
|--------------------------|------------|
| <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 |

## Power Electronics

|                            |                                                                                            |
|----------------------------|--------------------------------------------------------------------------------------------|
| <b>Contact reliability</b> | One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA) |
|----------------------------|--------------------------------------------------------------------------------------------|

## Auxiliary circuit

|                                                             |              |
|-------------------------------------------------------------|--------------|
| <b>Design of the contact of auxiliary contacts</b>          | Silver alloy |
| <b>Number of NC contacts</b><br>• for auxiliary contacts    | 0            |
| <b>Number of NO contacts</b><br>• for auxiliary contacts    | 2            |
| <b>Number of CO contacts</b><br>• for auxiliary contacts    | 0            |
| <b>Operating current at AC-15</b><br>• at 230 V rated value | 6 A          |

#### Connections/Terminals

|                                                                                                                                                                                                                                                      |                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type of electrical connection</b><br>• of modules and accessories                                                                                                                                                                                 | Screw-type terminal                                                                                                                                                 |
| <b>Type of connectable conductor cross-sections</b><br>• solid with core end processing<br>• solid without core end processing<br>• finely stranded with core end processing<br>• finely stranded without core end processing<br>• at AWG conductors | 2x (0.5 ... 0.75 mm <sup>2</sup> )<br>2x (1.0 ... 1.5 mm <sup>2</sup> )<br>2x (0.5 ... 1.5 mm <sup>2</sup> )<br>2x (1,0 ... 1,5 mm <sup>2</sup> )<br>2x (18 ... 14) |
| <b>Tightening torque of the screws in the bracket</b>                                                                                                                                                                                                | 1 ... 1.2 N·m                                                                                                                                                       |
| <b>Tightening torque</b><br>• with screw-type terminals                                                                                                                                                                                              | 0.8 ... 0.9 N·m                                                                                                                                                     |

#### Lamp

|                                  |                   |
|----------------------------------|-------------------|
| <b>Type of light source</b>      | LED               |
| <b>Color of the light source</b> | red               |
| <b>Light intensity</b>           | 450 ... 1 120 mcd |

#### Ambient conditions

|                                                                      |                                                                                                        |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <b>Ambient temperature</b><br>• during operation<br>• during storage | -25 ... +70 °C<br>-40 ... +80 °C                                                                       |
| Environmental category during operation acc. to IEC 60721            | 3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted) |

#### Installation/ mounting/ dimensions

|                                                      |                                        |
|------------------------------------------------------|----------------------------------------|
| <b>Mounting type</b><br>• of modules and accessories | front mounting<br>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>                            | 49.8 mm                                |

#### Certificates/approvals

| General Product Approval                                                                 |                                                                                          |                                                                                         |                                                                                   | Declaration of<br>Conformity                                                                    | Test<br>Certificates                                                 |
|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|
| <br>CCC | <br>CSA | <br>UL |  | <br>EG-Konf. | <a href="#">Declaration of the<br/>Compliance with the<br/>order</a> |

| Test<br>Certificates                         | Shipping Approval                                                                        |                                                                                          |                                                                                          |                                                                                             |                                                                                             |
|----------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <a href="#">Special Test<br/>Certificate</a> | <br>ABS | <br>LRS | <br>PRS | <br>RINA | <br>RMRS |

|                              |
|------------------------------|
| <b>other</b>                 |
| <a href="#">Confirmation</a> |

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1501-1AG20-1NA0>

##### Cax online generator

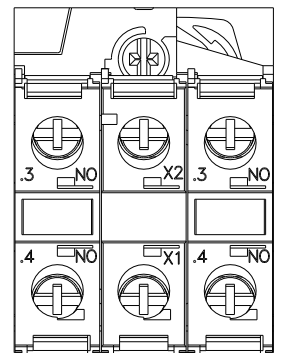
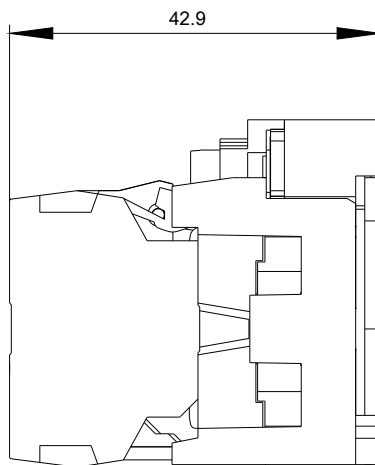
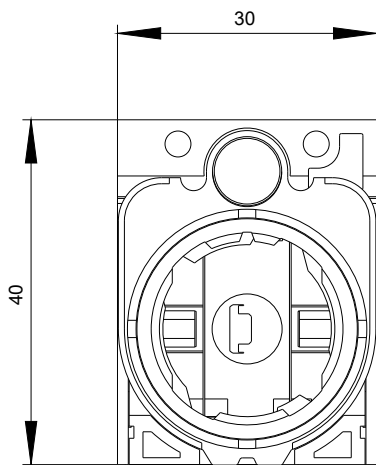
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1501-1AG20-1NA0>

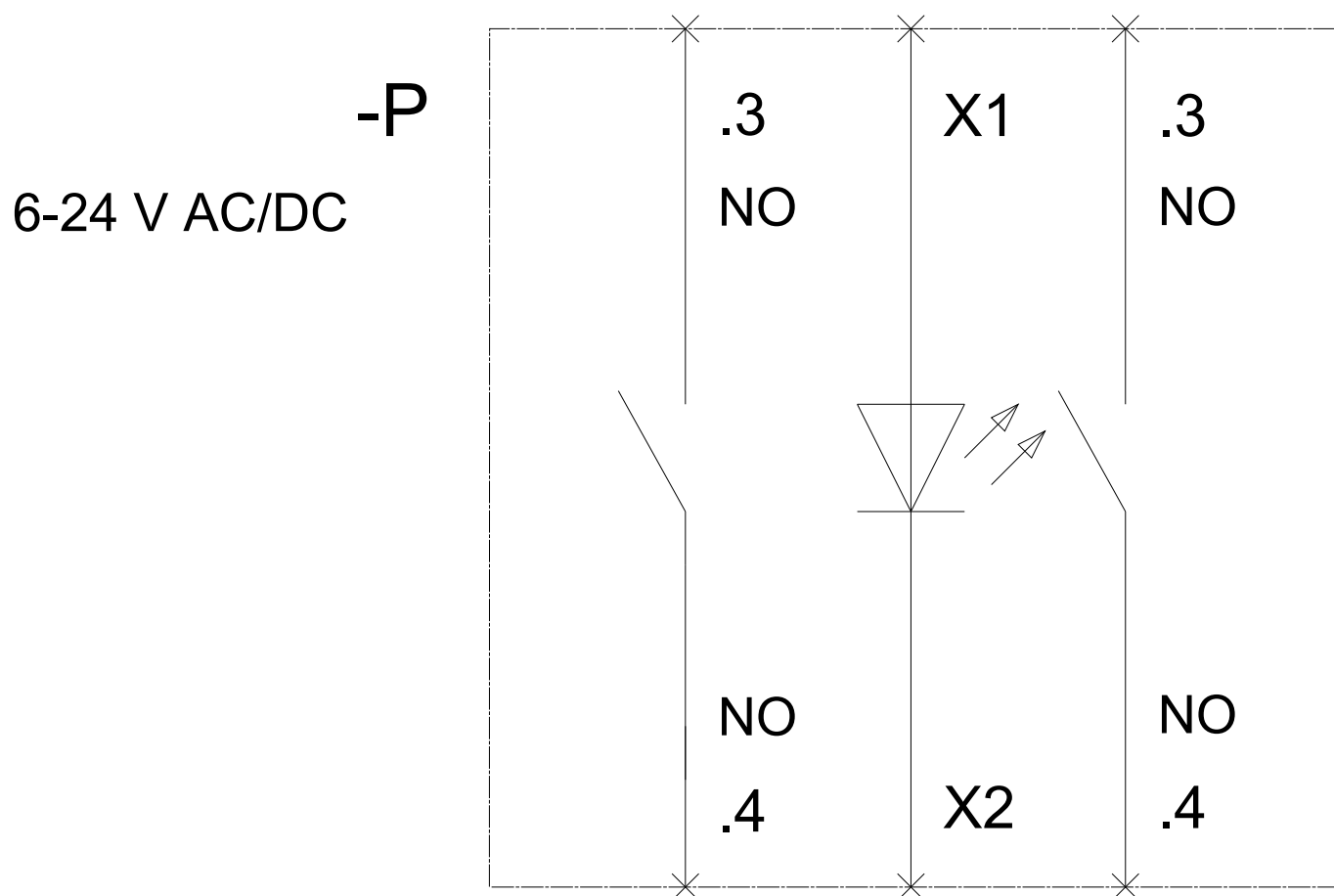
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1501-1AG20-1NA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1501-1AG20-1NA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1501-1AG20-1NA0&lang=en)





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