



Indicator lights, compact, 22 mm, round, metal, white, lens, smooth, with holder. Operating voltage 24 V AC/DC, screw terminal

|  |                                  |
|--|----------------------------------|
| <b>product brand name</b>  | SIRIUS ACT                       |
| <b>product designation</b>                                       | Indicator lights                 |
| <b>design of the product</b>                                     | Compact unit                     |
| <b>product type designation</b>                                  | 3SU1                             |
| <b>product line</b>  | Metal, shiny, 22 mm              |
| <b>manufacturer's article number of the supplied holder</b>      | 3SU1550-0AA10-0AA0               |
| <b>Enclosure</b>   |                                  |
| <b>shape of the enclosure front</b>                              | round                            |
| <b>Actuator</b>  |                                  |
| <b>product extension optional light source</b>                   | No                               |
| <b>color</b>   |                                  |
| • of the actuating element                                       | white                            |
| <b>material of the actuating element</b>                         | plastic                          |
| <b>shape of the actuating element</b>                            | round                            |
| <b>outer diameter of the actuating element</b>                   | 29.5 mm                          |
| <b>Front ring</b>  |                                  |
| <b>product component front ring</b>                              | No                               |
| <b>Holder</b>  |                                  |
| <b>material of the holder</b>                                    | Metal                            |
| <b>General technical data</b>                                    |                                  |
| <b>product component light source</b>                            | Yes                              |
| <b>insulation voltage rated value</b>                            | 320 V                            |
| <b>degree of pollution</b>                                       | 3                                |
| <b>surge voltage resistance rated value</b>                      | 4 kV                             |
| <b>consumed current maximum</b>                                  | 20 mA                            |
| <b>protection class IP</b>                                       | IP66, IP67, IP69(IP69K)          |
| • of the terminal  | IP20, clamping screw tightened   |
| <b>degree of protection NEMA rating</b>                          | 1, 2, 3, 3R, 4, 4X, 12, 13       |
| <b>shock resistance</b>  |                                  |
| • acc. to IEC 60068-2-27   | Sinusoidal half-wave 50g / 11 ms |
| <b>vibration resistance</b>                                      |                                  |
| • acc. to IEC 60068-2-6  | 10 ... 500 Hz: 5g                |
| <b>operating period typical</b>                                  | 100 000 h                        |
| <b>reference code acc. to IEC 81346-2</b>                        | P                                |
| <b>Supply voltage</b>  |                                  |
| <b>type of voltage of the supply voltage of the light source</b> | AC/DC                            |
| <b>supply voltage of the light source at AC</b>                  |                                  |

|  |      |
|--|------|
| <ul style="list-style-type: none"> <li>at 50 Hz rated value</li> <li>at 60 Hz rated value</li> </ul> | 24 V |
| <b>supply voltage of the light source at DC</b>  |      |
| <ul style="list-style-type: none"> <li>rated value</li> </ul>  | 24 V |
| <b>relative negative tolerance of the supply voltage</b>   | 20 % |
| <b>relative positive tolerance of the supply voltage</b>   | 20 % |

#### Control circuit/ Control

|                               |     |
|-------------------------------|-----|
| <b>inrush current maximum</b> | 2 A |
|-------------------------------|-----|

#### Connections/ Terminals

|   |   |
|---|---|
| <b>type of electrical connection</b>  | screw-type terminals  |
| <b>type of connectable conductor cross-sections</b>   |   |
| <ul style="list-style-type: none"> <li>solid with core end processing</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>at AWG cables</li> </ul> | 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   |
| <ul style="list-style-type: none"> <li>tightening torque with screw-type terminals</li> </ul>   | 0.8 ... 1 N·m   |

#### Lamp

|                                  |                   |
|----------------------------------|-------------------|
| <b>type of light source</b>      | LED               |
| <b>color of the light source</b> | white             |
| <b>light intensity</b>           | 900 ... 1 400 mcd |

#### Ambient conditions

|  |   |
|--|---|
| <ul style="list-style-type: none"> <li>ambient temperature during operation</li> <li>ambient temperature during storage</li> </ul> | -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 for all devices behind front panel) |

#### Installation/ mounting/ dimensions

|  |         |
|--|---------|
| <b>height</b>                                      | 40 mm   |
| <b>width</b>                                       | 30 mm   |
| <b>shape of the installation opening</b>           | round   |
| <b>mounting diameter</b>                           | 22.3 mm |
| <b>positive tolerance of installation diameter</b> | 0.4 mm  |
| <b>mounting height</b>                             | 12.9 mm |
| <b>installation width</b>                          | 29.5 mm |
| <b>installation depth</b>                          | 49.6 mm |

#### Certificates/ approvals

|                                 |                                  |                          |
|---------------------------------|----------------------------------|--------------------------|
| <b>General Product Approval</b> | <b>Declaration of Conformity</b> | <b>Test Certificates</b> |
|---------------------------------|----------------------------------|--------------------------|



[Miscellaneous](#)



[Type Test Certificates/Test Report](#)

|                          |              |
|--------------------------|--------------|
| <b>Test Certificates</b> | <b>other</b> |
|--------------------------|--------------|

[Special Test Certificate](#)

[Confirmation](#)

#### Further information

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=3SU1251-6AB60-1AA0>

Cax online generator

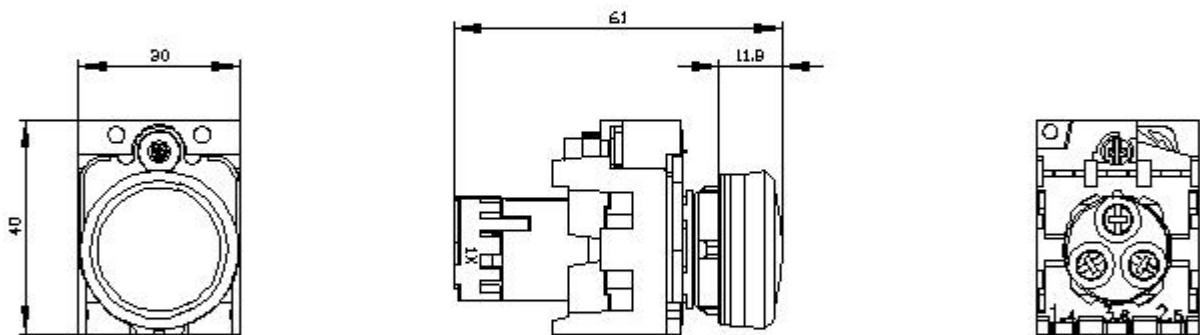
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1251-6AB60-1AA0>

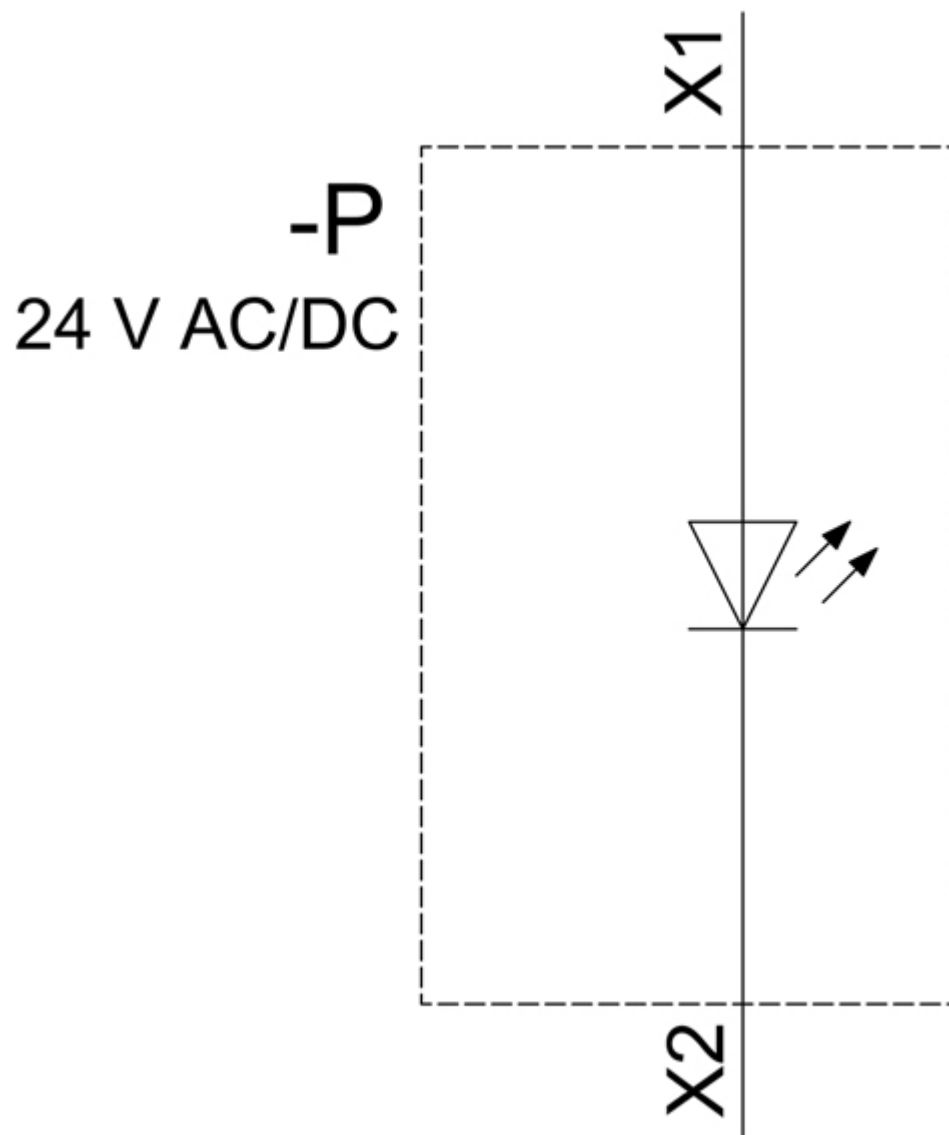
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1251-6AB60-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1251-6AB60-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1251-6AB60-1AA0&lang=en)





last modified:

12/15/2020 