



Indicator lights, 22 mm, round, metal, shiny, amber, lens, smooth, with holder, LED module with integrated LED 110 V AC, screw terminal

|                                         |                                  |
|-----------------------------------------|----------------------------------|
| product brand name                      | SIRIUS ACT                       |
| product designation                     | Indicator lights                 |
| design of the product                   | Complete unit                    |
| product type designation                | 3SU1                             |
| product line                            | Metal, shiny, 22 mm              |
| manufacturer's article number           |                                  |
| • of supplied LED module                | 3SU1401-1BC00-1AA0               |
| • of the supplied holder                | 3SU1550-0AA10-0AA0               |
| • of supplied repeater                  | 3SU1051-6AA00-0AA0               |
| <b>Enclosure</b>                        |                                  |
| number of command points                | 1                                |
| <b>Actuator</b>                         |                                  |
| product extension optional light source | Yes                              |
| color                                   |                                  |
| • of the actuating element              | amber                            |
| material of the actuating element       | plastic                          |
| shape of the actuating element          | round                            |
| outer diameter of the actuating element | 29.45 mm                         |
| <b>Front ring</b>                       |                                  |
| product component front ring            | No                               |
| <b>Holder</b>                           |                                  |
| material of the holder                  | Metal                            |
| <b>Display</b>                          |                                  |
| number of LED modules                   | 1                                |
| <b>General technical data</b>           |                                  |
| product component light source          | Yes                              |
| insulation voltage rated value          | 320 V                            |
| degree of pollution                     | 3                                |
| surge voltage resistance rated value    | 4 kV                             |
| protection class IP                     | IP66, IP67, IP69(IP69K)          |
| • of the terminal                       | IP20                             |
| degree of protection NEMA rating        | 1, 2, 3, 3R, 4, 4X, 12, 13       |
| shock resistance                        |                                  |
| • acc. to IEC 60068-2-27                | Sinusoidal half-wave 50g / 11 ms |
| vibration resistance                    |                                  |
| • acc. to IEC 60068-2-6                 | 10 ... 500 Hz: 5g                |
| reference code acc. to IEC 81346-2      | P                                |

| Supply voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| type of voltage of the supply voltage of the light source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | AC                                                                                                                                                                  |
| <ul style="list-style-type: none"> <li>supply voltage 1 of the light source at AC at 50 Hz rated value</li> <li>supply voltage 1 of the light source at AC at 60 Hz rated value</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                    | 110 V                                                                                                                                                               |
| relative negative tolerance of the supply voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20 %                                                                                                                                                                |
| relative positive tolerance of the supply voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 20 %                                                                                                                                                                |
| Control circuit/ Control                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                     |
| inrush current maximum                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3 A                                                                                                                                                                 |
| Connections/ Terminals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                     |
| type of electrical connection of modules and accessories                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Screw-type terminal                                                                                                                                                 |
| <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> <ul style="list-style-type: none"> <li>tightening torque with screw-type terminals</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                           | 1 ... 1.2 N·m<br>0.8 ... 0.9 N·m                                                                                                                                    |
| Lamp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                     |
| type of light source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LED                                                                                                                                                                 |
| color of the light source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | amber                                                                                                                                                               |
| light intensity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 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>fastening method</b> <ul style="list-style-type: none"> <li>of modules and accessories</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | front panel mounting<br>Front plate mounting                                                                                                                        |
| height                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 40 mm                                                                                                                                                               |
| width                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 30 mm                                                                                                                                                               |
| shape of the installation opening                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | round                                                                                                                                                               |
| mounting diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 22.3 mm                                                                                                                                                             |
| positive tolerance of installation diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.4 mm                                                                                                                                                              |
| mounting height                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 11.8 mm                                                                                                                                                             |
| installation width                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 29.5 mm                                                                                                                                                             |
| installation depth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 49.7 mm                                                                                                                                                             |
| Certificates/ approvals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                     |
| <div>General Product Approval</div> <div>      </div>                                                                                        |                                                                                                                                                                     |
| <div>Declaration of Conformity</div> <div>       </div> |                                                                                                                                                                     |

[Miscellaneous](#)

[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=3SU1153-6AA00-1AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1153-6AA00-1AA0>

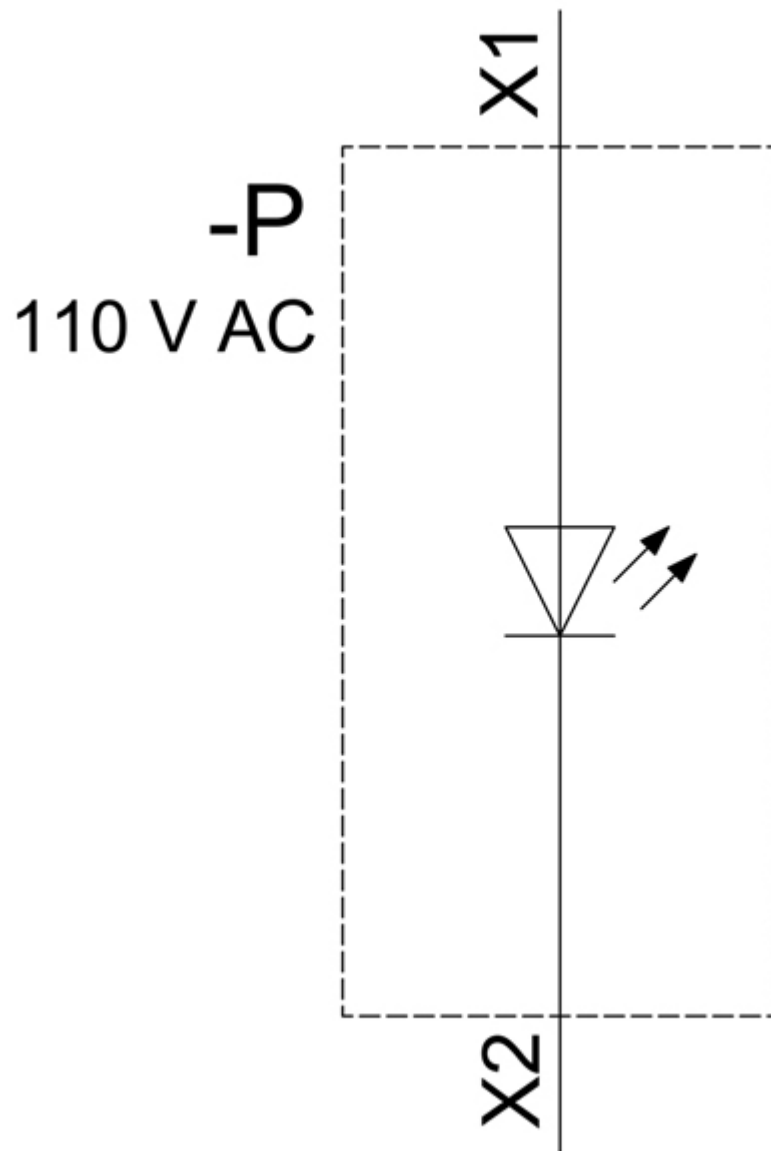
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-6AA00-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1153-6AA00-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1153-6AA00-1AA0&lang=en)





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