

Siemens  
EcoTech



Indicator lights, 22 mm, round, plastic, amber, lens, smooth, with holder, LED module, with integrated LED 230 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                                     | Plastic, black, 22 mm              |
| manufacturer's article number                    |                                    |
| • of supplied LED module                         | <a href="#">3SU1401-1BF00-1AA0</a> |
| • of the supplied holder                         | <a href="#">3SU1550-0AA10-0AA0</a> |
| • of supplied repeater                           | <a href="#">3SU1001-6AA00-0AA0</a> |
| <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                           | Plastic                            |
| <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)            |
| protection class IP of the terminal              | IP20                               |
| degree of protection NEMA rating                 | 1, 2, 3, 3R, 4, 4X, 12, 13         |
| shock resistance                                 |                                    |
| • according to IEC 60068-2-27                    | sinusoidal half-wave 15g / 11 ms   |
| • for railway applications according to EN 61373 | Category 1, Class B                |
| vibration resistance                             |                                    |

|                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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: 5g<br>Category 1, Class B                                                                                                                            |
| <b>reference code according to IEC 81346-2</b>                                                                                                                                                                                                                                                                                                 | P                                                                                                                                                                   |
| <b>Substance Prohibitance (Date)</b>                                                                                                                                                                                                                                                                                                           | 10/01/2014                                                                                                                                                          |
| <b>SVHC substance name</b>                                                                                                                                                                                                                                                                                                                     | Lead monoxide (lead oxide) - 1317-36-8<br>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5                                                     |
| <b>Net Weight</b>                                                                                                                                                                                                                                                                                                                              | 41 g                                                                                                                                                                |
| <b>Supply voltage</b>                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                     |
| type of voltage of the supply voltage of the light source                                                                                                                                                                                                                                                                                      | AC                                                                                                                                                                  |
| <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> <li>• at 60 Hz rated value</li> </ul>                                                                                                                                                                                                       | 230 V<br>230 V<br>230 ... 230 V                                                                                                                                     |
| <b>relative negative tolerance of the supply voltage</b>                                                                                                                                                                                                                                                                                       | 20 %                                                                                                                                                                |
| <b>relative positive tolerance of the supply voltage</b>                                                                                                                                                                                                                                                                                       | 20 %                                                                                                                                                                |
| <b>Control circuit/ Control</b>                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                     |
| <b>inrush current maximum</b>                                                                                                                                                                                                                                                                                                                  | 3 A                                                                                                                                                                 |
| <b>Connections/ Terminals</b>                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                     |
| <b>type of electrical connection</b>                                                                                                                                                                                                                                                                                                           | other                                                                                                                                                               |
| <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>                                                                                                                                                                                                                                                                 | 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>• for 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                                                                                                                                                       |
| tightening torque 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>                                                                                                                                                                                                                                                                                                               | amber                                                                                                                                                               |
| <b>light intensity</b>                                                                                                                                                                                                                                                                                                                         | 900 ... 1 400 mcd                                                                                                                                                   |
| <b>Ambient conditions</b>                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                     |
| <b>ambient temperature</b>                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                     |
| <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>                                                                                                                                                                                                                                                 | -25 ... +70 °C<br>-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 for all devices behind front panel)                            |
| <b>Installation/ mounting/ dimensions</b>                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                     |
| <b>fastening method</b>                                                                                                                                                                                                                                                                                                                        | front plate mounting                                                                                                                                                |
| <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>                                                                                                                                                                                                                                                                 | Front plate mounting                                                                                                                                                |
| <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>                                                                                                                                                                                                                                                                                                                         | 11.8 mm                                                                                                                                                             |
| <b>installation width</b>                                                                                                                                                                                                                                                                                                                      | 29.5 mm                                                                                                                                                             |
| <b>installation depth</b>                                                                                                                                                                                                                                                                                                                      | 49.7 mm                                                                                                                                                             |
| <b>Approvals Certificates</b>                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                     |
| <b>Environmental Product Declaration</b>                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                     |
| <ul style="list-style-type: none"> <li>• global warming potential [CO<sub>2</sub> eq] / during manufacturing</li> <li>• global warming potential [CO<sub>2</sub> eq] / during operation</li> <li>• global warming potential [CO<sub>2</sub> eq] / after end of life</li> <li>• global warming potential [CO<sub>2</sub> eq] / total</li> </ul> | 0.566 kg<br>0.235 kg<br>-0.0145 kg<br>0.787 kg                                                                                                                      |
| <b>Environment</b>                                                                                                                                                                                                                                                                                                                             | <b>General Product Approval</b>                                                                                                                                     |



[Environmental Confirmations](#)



General Product Approval

Test Certificates

Maritime application



[Type Test Certificates/Test Report](#)



Maritime application

other



[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=3SU1106-6AA00-1AA0>

Cax online generator

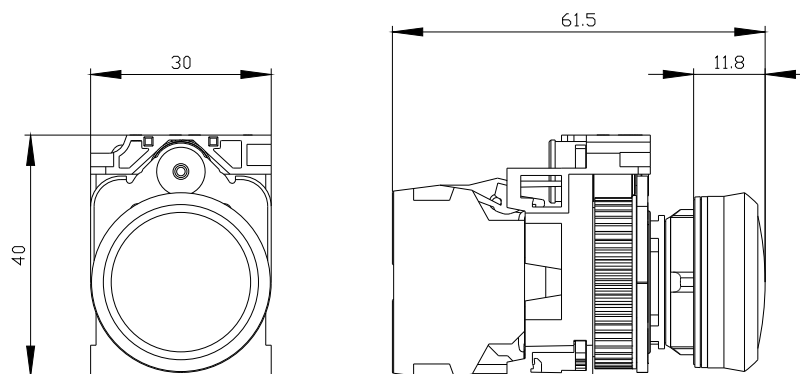
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1106-6AA00-1AA0>

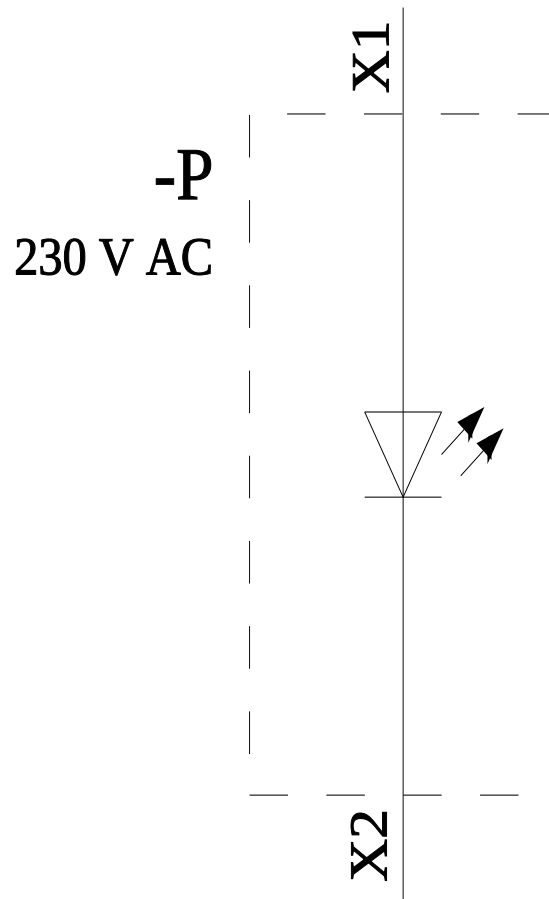
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-6AA00-1AA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1106-6AA00-1AA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1106-6AA00-1AA0&lang=en)





last modified:

4/2/2025 