



Indicator lights, 22 mm, round, plastic, clear, lens, smooth, with holder, LED module, with integrated LED 110 V AC, Spring-type terminal

|  |  |
|--|--|
| <b>product brand name</b>  | SIRIUS ACT   |
| <b>product designation</b>   | Indicator lights   |
| <b>design of the product</b>   | Complete unit  |
| <b>product type designation</b>  | 3SU1   |
| <b>product line</b>  | Plastic, black, 22 mm  |
| <b>manufacturer's article number</b>   |  |
| <ul style="list-style-type: none"> <li>• of supplied LED module</li> <li>• of the supplied holder</li> <li>• of supplied repeater</li> </ul> | <a href="#">3SU1401-1BC60-3AA0</a><br><a href="#">3SU1550-0AA10-0AA0</a><br><a href="#">3SU1001-6AA70-0AA0</a> |

### Enclosure

|                                 |   |
|---------------------------------|---|
| <b>number of command points</b> | 1 |
|---------------------------------|---|

### Actuator

|  |          |
|--|----------|
| <b>product extension optional light source</b>                               | Yes      |
| <b>color</b>   |          |
| <ul style="list-style-type: none"> <li>• of the actuating element</li> </ul> | clear    |
| <b>material of the actuating element</b>                                     | plastic  |
| <b>shape of the actuating element</b>  | round    |
| <b>outer diameter of the actuating element</b>                               | 29.45 mm |

### Front ring

|                                     |    |
|-------------------------------------|----|
| <b>product component front ring</b> | No |
|-------------------------------------|----|

### Holder

|                               |         |
|-------------------------------|---------|
| <b>material of the holder</b> | Plastic |
|-------------------------------|---------|

### Display

|                              |   |
|------------------------------|---|
| <b>number of LED modules</b> | 1 |
|------------------------------|---|

### General technical data

|   |   |
|---|---|
| <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>protection class IP</b>  | IP66, IP67, IP69(IP69K)                                 |
| <ul style="list-style-type: none"> <li>• of the terminal</li> </ul>   | IP20  |
| <b>degree of protection NEMA rating</b>   | 1, 2, 3, 3R, 4, 4X, 12, 13                              |
| <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 15g / 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: 5g<br>Category 1, Class B                |
| <b>reference code according to IEC 81346-2</b>  | P   |
| <b>Substance Prohibitance (Date)</b>  | 10/01/2014  |

| Supply voltage  |               |
|---|---------------|
| type of voltage of the supply voltage of the light source | AC            |
| <b>supply voltage of the light source at AC</b>           |               |
| • at 50 Hz rated value                                    | 110 V         |
| • at 60 Hz rated value                                    | 110 V         |
| • at 60 Hz rated value                                    | 110 ... 110 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> | 3 A |

| Connections/ Terminals                                |                                     |
|---|-------------------------------------|
| <b>type of electrical connection</b>                  | other                               |
| • of modules and accessories                          | Spring-type terminal                |
| <b>type of connectable conductor cross-sections</b>   |                                     |
| • solid without core end processing                   | 2x (0.25 ... 1.5 mm <sup>2</sup> )  |
| • finely stranded with core end processing            | 2x (0.25 ... 0.75 mm <sup>2</sup> ) |
| • finely stranded without core end processing         | 2x (0.25 ... 1.5 mm <sup>2</sup> )  |
| • at AWG cables                                       | 2x (24 ... 16)                      |
| <b>tightening torque of the screws in the bracket</b> | 1 ... 1.2 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   |  |
|--|--|
| <b>ambient temperature</b>                                     |  |
| • during operation   | -25 ... +70 °C   |
| • during storage   | -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) |

| Installation/ mounting/ dimensions                 |                      |
|--|----------------------|
| <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>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              |

| Certificates/ approvals  |                           |
|--------------------------|---------------------------|
| General Product Approval | Declaration of Conformity |



[Confirmation](#)



| Declaration of Conformity | Test Certificates | Marine / Shipping |
|---------------------------|-------------------|-------------------|
|---------------------------|-------------------|-------------------|



[Type Test Certificates/Test Report](#)



|                   |       |
|-------------------|-------|
| Marine / Shipping | other |
|-------------------|-------|



#### 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=3SU1103-6AA70-3AA0>

Cax online generator

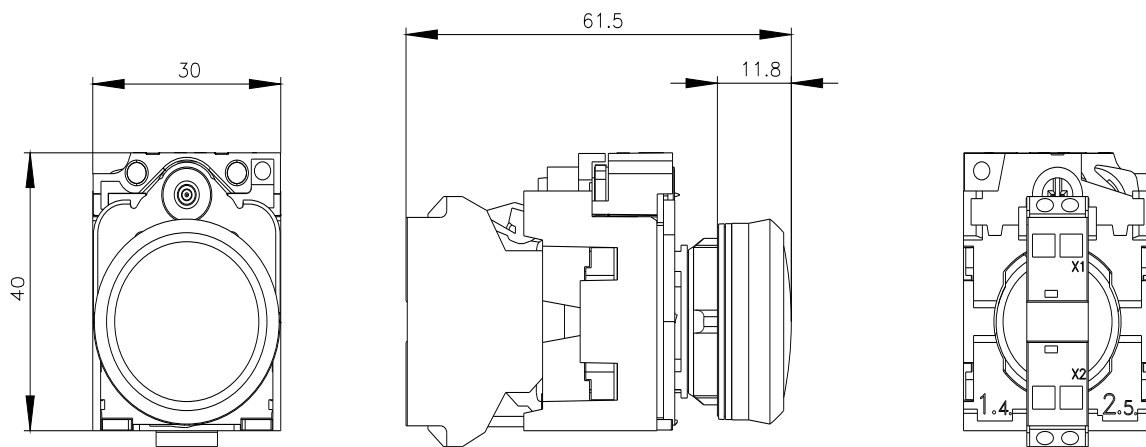
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1103-6AA70-3AA0>

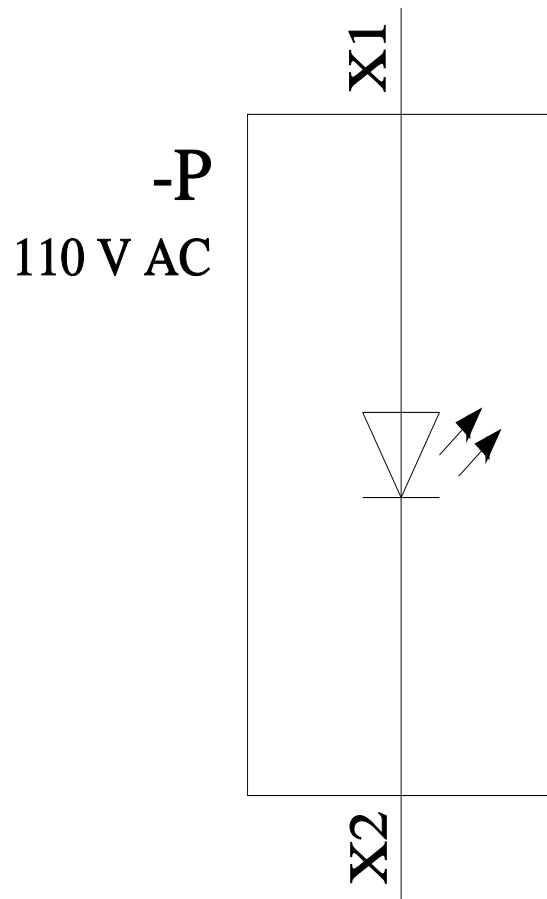
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1103-6AA70-3AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1103-6AA70-3AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1103-6AA70-3AA0&lang=en)





last modified:

1/26/2022 