

Siemens  
EcoTech



Indicator lights, 22 mm, round, plastic, yellow, lens, smooth, with holder, LED module, with integrated LED 24 V AC/DC, spring-type terminal, with laser labeling, upper case and lower case, always upper case at the beginning of the word



|                                                  |                                                                                                 |
|--------------------------------------------------|-------------------------------------------------------------------------------------------------|
| 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="#">3SU1401-1BB30-3AA0</a>                                                              |
| • of the supplied holder                         | <a href="#">3SU1550-0AA10-0AA0</a>                                                              |
| • of supplied repeater                           | <a href="#">3SU1001-6AA30-0AA0</a>                                                              |
| <b>Enclosure</b>                                 |                                                                                                 |
| number of command points                         | 1                                                                                               |
| <b>Actuator</b>                                  |                                                                                                 |
| product extension optional light source          | Yes                                                                                             |
| color                                            |                                                                                                 |
| • of the actuating element                       | yellow                                                                                          |
| material of the actuating element                | plastic                                                                                         |
| shape of the actuating element                   | round                                                                                           |
| outer diameter of the actuating element          | 29.45 mm                                                                                        |
| marking of the actuating element                 | Customized labeling, text in lower case / capital letters, all words start with capital letters |
| <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)                                                                         |
| • 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                                                                             |

|                                                                                                                                                                                                                                                                           |                                                                                                                                          |                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| <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 Prohibittance (Date)</b>                                                                                                                                                                                                                                     | 10/01/2014                                                                                                                               |                          |
| <b>Supply voltage</b>                                                                                                                                                                                                                                                     |                                                                                                                                          |                          |
| type of voltage of the supply voltage of the light source                                                                                                                                                                                                                 | 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><li>• at 60 Hz rated value</li></ul>                                                                                      | 24 V<br>24 V<br>24 ... 24 V                                                                                                              |                          |
| <b>supply voltage of the light source at DC rated value</b> <ul style="list-style-type: none"><li>•</li><li>•</li></ul>                                                                                                                                                   | 24 V<br>24 ... 24 V                                                                                                                      |                          |
| <b>relative negative tolerance of the supply voltage</b>                                                                                                                                                                                                                  | 30 %                                                                                                                                     |                          |
| <b>relative positive tolerance of the supply voltage</b>                                                                                                                                                                                                                  | 25 %                                                                                                                                     |                          |
| <b>Control circuit/ Control</b>                                                                                                                                                                                                                                           |                                                                                                                                          |                          |
| <b>inrush current maximum</b>                                                                                                                                                                                                                                             | 2 A                                                                                                                                      |                          |
| <b>Connections/ Terminals</b>                                                                                                                                                                                                                                             |                                                                                                                                          |                          |
| <b>type of electrical connection</b> <ul style="list-style-type: none"><li>• of modules and accessories</li></ul>                                                                                                                                                         | other<br>Spring-type terminal                                                                                                            |                          |
| <b>type of connectable conductor cross-sections</b> <ul style="list-style-type: none"><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 (0.25 ... 1.5 mm²)<br>2x (0.25 ... 0.75 mm²)<br>2x (0.25 ... 1.5 mm²)<br>2x (24 ... 16)                                               |                          |
| <b>tightening torque of the screws in the bracket</b>                                                                                                                                                                                                                     | 1 ... 1.2 N·m                                                                                                                            |                          |
| <b>Lamp</b>                                                                                                                                                                                                                                                               |                                                                                                                                          |                          |
| <b>type of light source</b>                                                                                                                                                                                                                                               | LED                                                                                                                                      |                          |
| <b>color of the light source</b>                                                                                                                                                                                                                                          | yellow                                                                                                                                   |                          |
| <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>Environmental footprint</b>                                                                                                                                                                                                                                            |                                                                                                                                          |                          |
| Environmental Product Declaration (EPD)                                                                                                                                                                                                                                   | Yes                                                                                                                                      |                          |
| Global Warming Potential [CO2 eq] total                                                                                                                                                                                                                                   | 0.787 kg                                                                                                                                 |                          |
| Global Warming Potential [CO2 eq] during manufacturing                                                                                                                                                                                                                    | 0.566 kg                                                                                                                                 |                          |
| Global Warming Potential [CO2 eq] during operation                                                                                                                                                                                                                        | 0.235 kg                                                                                                                                 |                          |
| Global Warming Potential [CO2 eq] after end of life                                                                                                                                                                                                                       | -0.015 kg                                                                                                                                |                          |
| Siemens Eco Profile (SEP)                                                                                                                                                                                                                                                 | Siemens EcoTech                                                                                                                          |                          |
| <b>Installation/ mounting/ dimensions</b>                                                                                                                                                                                                                                 |                                                                                                                                          |                          |
| <b>fastening method</b> <ul style="list-style-type: none"><li>• of modules and accessories</li></ul>                                                                                                                                                                      | front plate mounting<br>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>General Product Approval</b>                                                                                                                                                                                                                                           | <b>Test Certificates</b>                                                                                                                 | <b>Marine / Shipping</b> |

[Confirmation](#)



[Type Test Certificates/Test Report](#)



Marine / Shipping

other

Environment



[Confirmation](#)



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[Environmental Confirmations](#)

#### Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3SU1102-6AA30-3AA0-Z Y15>

Cax online generator

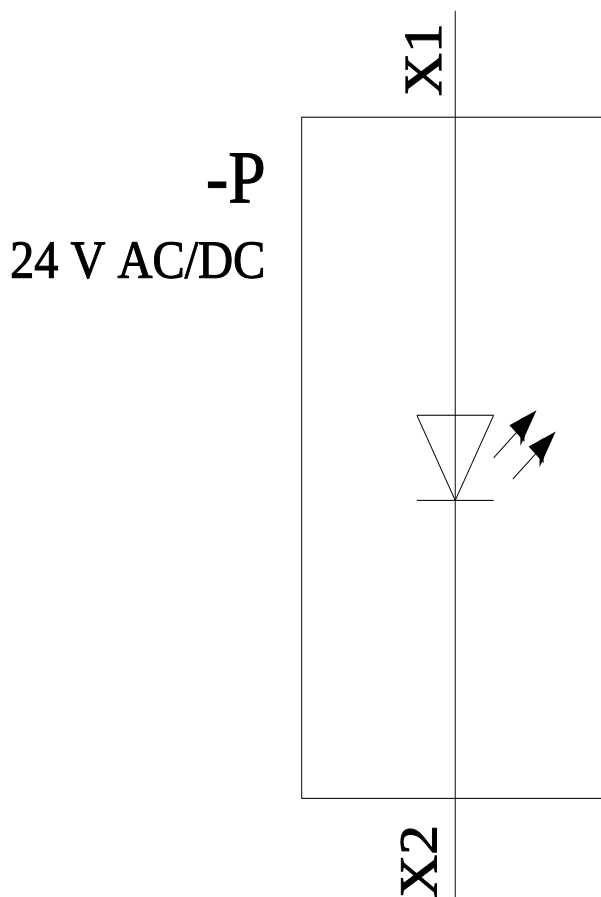
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-6AA30-3AA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA30-3AA0-Z Y15>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1102-6AA30-3AA0-Z Y15&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1102-6AA30-3AA0-Z Y15&lang=en)



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