

Siemens  
EcoTech



Indicator lights, 22 mm, round, metal, shiny, 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                            | Metal, shiny, 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="#">3SU1051-6AA30-0AA0</a>                                                            |
| Enclosure                               |                                                                                               |
| number of command points                | 1                                                                                             |
| Actuator                                |                                                                                               |
| 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 |
| Front ring                              |                                                                                               |
| product component front ring            | No                                                                                            |
| Holder                                  |                                                                                               |
| material of the holder                  | Plastic                                                                                       |
| Display                                 |                                                                                               |
| number of LED modules                   | 1                                                                                             |
| General technical data                  |                                                                                               |
| 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                                                              |
| vibration resistance                    |                                                                                               |

|                                                                    |                                                                                                                                          |
|--------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| • according to IEC 60068-2-6                                       | 10 ... 500 Hz: 5g                                                                                                                        |
| reference code according to IEC 81346-2                            | P                                                                                                                                        |
| Substance Prohibitance (Date)                                      | 10/01/2014                                                                                                                               |
| Weight                                                             | 0.074 kg                                                                                                                                 |
| <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>                    |                                                                                                                                          |
| • at 50 Hz rated value                                             | 24 V                                                                                                                                     |
| • at 60 Hz rated value                                             | 24 V                                                                                                                                     |
| • at 60 Hz rated value                                             | 24 ... 24 V                                                                                                                              |
| <b>supply voltage of the light source at DC rated value</b>        |                                                                                                                                          |
| •                                                                  | 24 V                                                                                                                                     |
| •                                                                  | 24 ... 24 V                                                                                                                              |
| relative negative tolerance of the supply voltage                  | 30 %                                                                                                                                     |
| relative positive tolerance of the supply voltage                  | 25 %                                                                                                                                     |
| <b>Control circuit/ Control</b>                                    |                                                                                                                                          |
| inrush current maximum                                             | 2 A                                                                                                                                      |
| <b>Connections/ Terminals</b>                                      |                                                                                                                                          |
| <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> )                                                                                                       |
| • for AWG cables                                                   | 2x (24 ... 16)                                                                                                                           |
| tightening torque of the screws in the bracket                     | 1 ... 1.2 N·m                                                                                                                            |
| <b>Lamp</b>                                                        |                                                                                                                                          |
| type of light source                                               | LED                                                                                                                                      |
| color of the light source                                          | yellow                                                                                                                                   |
| light intensity                                                    | 900 ... 1 400 mcd                                                                                                                        |
| <b>Ambient conditions</b>                                          |                                                                                                                                          |
| <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) |
| <b>Environmental footprint</b>                                     |                                                                                                                                          |
| Environmental Product Declaration (EPD)                            | Yes                                                                                                                                      |
| Global Warming Potential [CO <sub>2</sub> eq] total                | 0.593 kg                                                                                                                                 |
| Global Warming Potential [CO <sub>2</sub> eq] during manufacturing | 0.625 kg                                                                                                                                 |
| Global Warming Potential [CO <sub>2</sub> eq] during operation     | 0.235 kg                                                                                                                                 |
| Global Warming Potential [CO <sub>2</sub> eq] after end of life    | -0.267 kg                                                                                                                                |
| Siemens Eco Profile (SEP)                                          | Siemens EcoTech                                                                                                                          |
| <b>Installation/ mounting/ dimensions</b>                          |                                                                                                                                          |
| <b>fastening method</b>                                            | front plate mounting                                                                                                                     |
| • of modules and accessories                                       | 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                                                                                                                                  |
| <b>Approvals Certificates</b>                                      |                                                                                                                                          |
| General Product Approval                                           | Test Certificates                                                                                                                        |

[Confirmation](#)



[Type Test Certificates/Test Report](#)

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=3SU1152-6AA30-3AA0-Z Y15>

Cax online generator

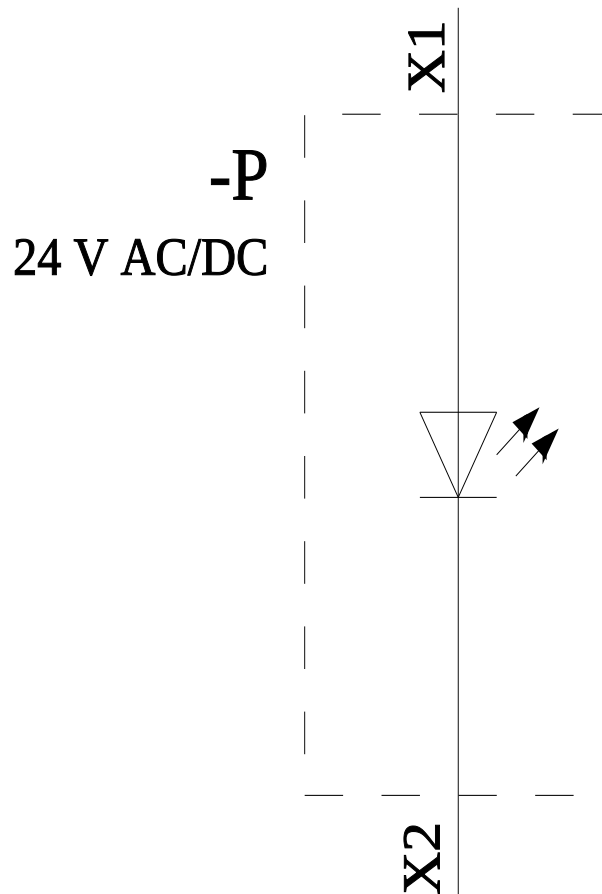
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1152-6AA30-3AA0-Z Y15>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1152-6AA30-3AA0-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=3SU1152-6AA30-3AA0-Z Y15&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1152-6AA30-3AA0-Z Y15&lang=en)



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