

Siemens  
EcoTech



Indicator lights, 22 mm, round, metal, shiny, red, lens, smooth, with holder, LED module with integrated LED 110 V AC, screw terminal, with laser labeling, symbol number according to, ISO 7000 or IEC 60417



|                                         |                                                                     |
|-----------------------------------------|---------------------------------------------------------------------|
| 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="#">3SU1401-1BC20-1AA0</a>                                  |
| • of the supplied holder                | <a href="#">3SU1550-0AA10-0AA0</a>                                  |
| • of supplied repeater                  | <a href="#">3SU1051-6AA20-0AA0</a>                                  |
| Enclosure                               |                                                                     |
| number of command points                | 1                                                                   |
| Actuator                                |                                                                     |
| product extension optional light source | Yes                                                                 |
| color                                   |                                                                     |
| • of the actuating element              | red                                                                 |
| 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, graphical symbols acc. to ISO7000 and IEC60417 |
| 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 Prohibittance (Date)                                 | 10/01/2014                                                                                                                               |
| Weight                                                         | 0.074 kg                                                                                                                                 |
| <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>                |                                                                                                                                          |
| • 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 %                                                                                                                                     |
| <b>Control circuit/ Control</b>                                |                                                                                                                                          |
| <b>inrush current maximum</b>                                  | 3 A                                                                                                                                      |
| <b>Connections/ Terminals</b>                                  |                                                                                                                                          |
| <b>type of electrical connection</b>                           | other                                                                                                                                    |
| • of modules and accessories                                   | Screw-type terminal                                                                                                                      |
| <b>type of connectable conductor cross-sections</b>            |                                                                                                                                          |
| • solid with core end processing                               | 2x (0.5 ... 0.75 mm <sup>2</sup> )                                                                                                       |
| • solid without core end processing                            | 2x (1.0 ... 1.5 mm <sup>2</sup> )                                                                                                        |
| • finely stranded with core end processing                     | 2x (0.5 ... 1.5 mm <sup>2</sup> )                                                                                                        |
| • finely stranded without core end processing                  | 2x (1,0 ... 1,5 mm <sup>2</sup> )                                                                                                        |
| • for AWG cables                                               | 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>                               | red                                                                                                                                      |
| <b>light intensity</b>                                         | 450 ... 1 120 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 [CO2 eq] total                        | 0.593 kg                                                                                                                                 |
| Global Warming Potential [CO2 eq] during manufacturing         | 0.625 kg                                                                                                                                 |
| Global Warming Potential [CO2 eq] during operation             | 0.235 kg                                                                                                                                 |
| Global Warming Potential [CO2 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                                                                                                                     |
| <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>                                  |                                                                                                                                          |
| General Product Approval                                       | Test Certificates                                                                                                                        |



[Confirmation](#)



[Type Test Certificates/Test Report](#)

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firmations](#)

## 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=3SU1153-6AA20-1AA0-Z Y13>

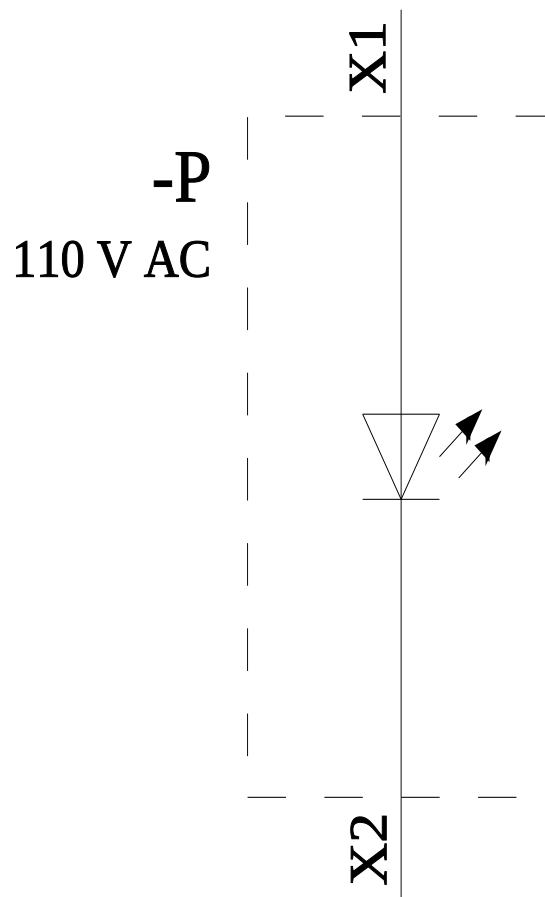
Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1153-6AA20-1AA0-Z Y13>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1153-6AA20-1AA0-Z Y13>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1153-6AA20-1AA0-Z Y13&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1153-6AA20-1AA0-Z Y13&lang=en)

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