

Siemens  
EcoTech



Indicator lights, 22 mm, round, metal, shiny, white, 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                             | Metal, shiny, 22 mm                |
| manufacturer's article number            |                                    |
| • of supplied LED module                 | <a href="#">3SU1401-1BF60-1AA0</a> |
| • of the supplied holder                 | <a href="#">3SU1550-0AA10-0AA0</a> |
| • of supplied repeater                   | <a href="#">3SU1051-6AA60-0AA0</a> |
| <b>Enclosure</b>                         |                                    |
| number of command points                 | 1                                  |
| <b>Actuator</b>                          |                                    |
| product extension optional light source  | Yes                                |
| color                                    |                                    |
| • of the actuating element               | white                              |
| 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                                  |
| type of voltage of the operating voltage | AC                                 |
| 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 15 g / 11 ms  |
| vibration resistance                     |                                    |

|                                                                        |                                                                                                                                          |
|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| • according to IEC 60068-2-6                                           | 10 ... 500 Hz: 5 g                                                                                                                       |
| reference code according to IEC 81346-2                                | P                                                                                                                                        |
| Substance Prohibitance (day/month/year)                                | 10/01/2014                                                                                                                               |
| SVHC substance name                                                    | 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5                                                              |
| Net Weight                                                             | 0.059 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                                                 | 230 V                                                                                                                                    |
| • at 60 Hz rated value                                                 | 230 V                                                                                                                                    |
| • at 60 Hz rated value                                                 | 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                                                                                                                                    |
| • 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>                                       | white                                                                                                                                    |
| <b>light intensity</b>                                                 | 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>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>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>Approvals Certificates</b>                                          |                                                                                                                                          |
| <b>Environmental Product Declaration</b>                               |                                                                                                                                          |
| • 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 [CO2 eq] / after end of life
- global warming potential [CO2 eq] / total

-0.267 kg  
0.593 kg

## Environment

## General Product Approval

[Environmental Confirmations](#)



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## 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=3SU1156-6AA60-1AA0>

### Cax online generator

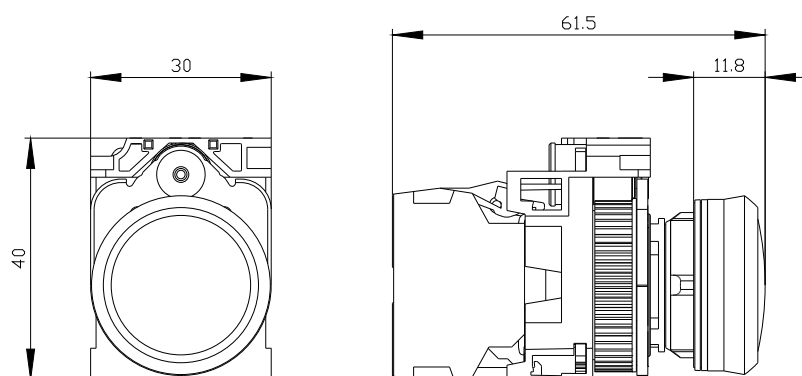
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1156-6AA60-1AA0>

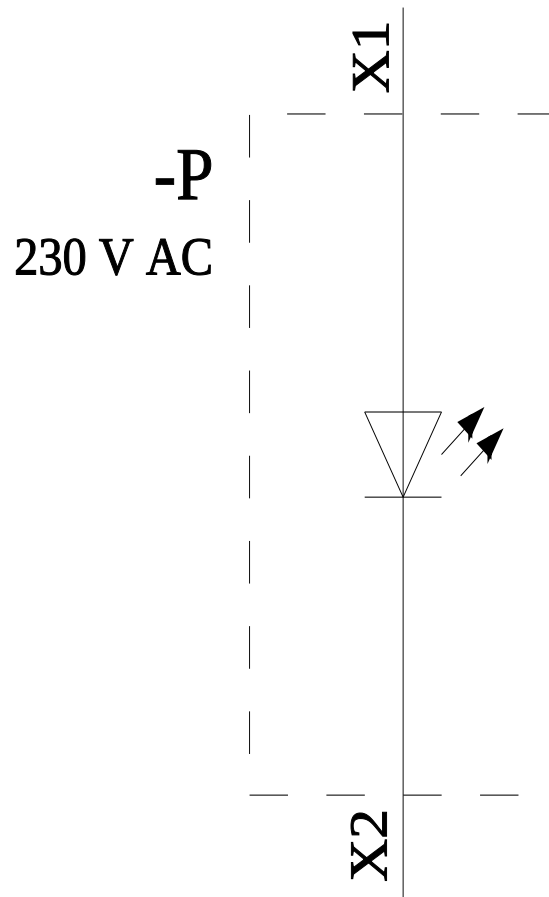
### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1156-6AA60-1AA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1156-6AA60-1AA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1156-6AA60-1AA0&lang=en)





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