

Siemens  
EcoTech



Indicator lights, 22 mm, round, plastic, blue, lens, smooth, with holder, LED module, with integrated LED 24 V AC/DC, screw terminal



|  |                                    |
|--|------------------------------------|
| 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="#">3SU1401-1BB50-1AA0</a> |
| • of the supplied holder                         | <a href="#">3SU1550-0AA10-0AA0</a> |
| • of supplied repeater                           | <a href="#">3SU1001-6AA50-0AA0</a> |
| <b>Enclosure</b>                                 |                                    |
| number of command points                         | 1                                  |
| <b>Actuator</b>                                  |                                    |
| product extension optional light source          | Yes                                |
| color  |                                    |
| • of the actuating element                       | blue                               |
| 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                                  |
| 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                |
| vibration resistance                             |                                    |
| • according to IEC 60068-2-6                     | 10 ... 500 Hz: 5g                  |

|  |  |                   |                   |
|--|--|-------------------|-------------------|
| • for railway applications according to EN 61373               | Category 1, Class B  |                   |                   |
| reference code according to IEC 81346-2                        | P  |                   |                   |
| Substance Prohibitance (Date)                                  | 10/01/2014   |                   |                   |
| SVHC substance name  | Lead monoxide (lead oxide) - 1317-36-8<br>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5                          |                   |                   |
| Supply voltage   |  |                   |                   |
| type of voltage of the supply voltage of the light source      | AC/DC  |                   |                   |
| supply voltage of the light source at AC                       |  |                   |                   |
| • at 50 Hz rated value   | 24 V   |                   |                   |
| • at 60 Hz rated value   | 24 V   |                   |                   |
| • at 60 Hz rated value   | 24 ... 24 V  |                   |                   |
| supply voltage of the light source at DC rated value           |  |                   |                   |
| •  | 24 V   |                   |                   |
| •  | 24 ... 24 V  |                   |                   |
| relative negative tolerance of the supply voltage              | 20 %   |                   |                   |
| relative positive tolerance of the supply voltage              | 20 %   |                   |                   |
| Control circuit/ Control                                       |  |                   |                   |
| inrush current maximum   | 2 A  |                   |                   |
| Connections/ Terminals   |  |                   |                   |
| type of electrical connection                                  | other  |                   |                   |
| • of modules and accessories                                   | Screw-type terminal  |                   |                   |
| type of connectable conductor cross-sections                   |  |                   |                   |
| • solid with core end processing                               | 2x (0.5 ... 0.75 mm²)  |                   |                   |
| • solid without core end processing                            | 2x (1.0 ... 1.5 mm²)   |                   |                   |
| • finely stranded with core end processing                     | 2x (0.5 ... 1.5 mm²)   |                   |                   |
| • finely stranded without core end processing                  | 2x (1,0 ... 1,5 mm²)   |                   |                   |
| • for AWG cables   | 2x (18 ... 14)   |                   |                   |
| tightening torque of the screws in the bracket                 | 1 ... 1.2 N·m  |                   |                   |
| tightening torque with screw-type terminals                    | 0.8 ... 0.9 N·m  |                   |                   |
| Lamp   |  |                   |                   |
| type of light source   | LED  |                   |                   |
| color of the light source                                      | blue   |                   |                   |
| light intensity  | 280 ... 710 mcd  |                   |                   |
| Ambient conditions   |  |                   |                   |
| ambient temperature  |  |                   |                   |
| • 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) |                   |                   |
| Environmental footprint  |  |                   |                   |
| 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  |                   |                   |
| Installation/ mounting/ dimensions                             |  |                   |                   |
| fastening method   | 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  |                   |                   |
| Approvals Certificates   |  |                   |                   |
| General Product Approval                                       |  | Test Certificates | Marine / Shipping |



[Confirmation](#)



[Type Test Certificates/Test Report](#)



Marine / Shipping

other

Environment



[Confirmation](#)



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#### 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=3SU1102-6AA50-1AA0>

Cax online generator

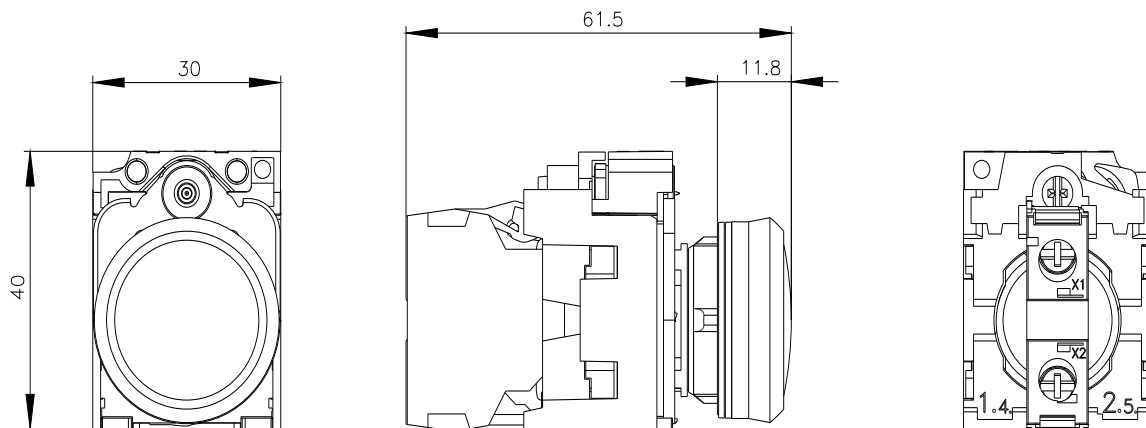
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-6AA50-1AA0>

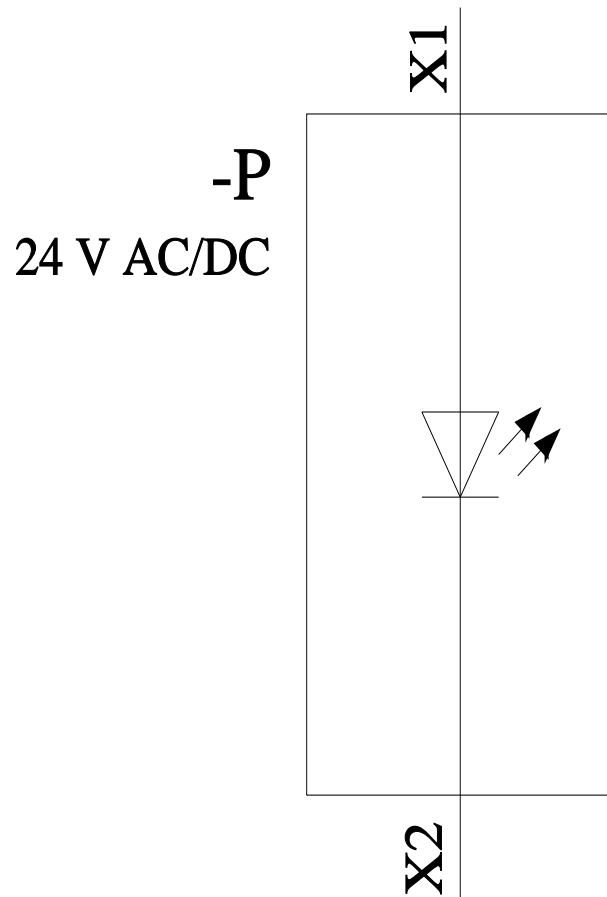
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA50-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1102-6AA50-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1102-6AA50-1AA0&lang=en)





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