

Siemens  
EcoTech



Indicator lights, 22 mm, round, plastic, red, lens, smooth, with holder, LED module, with integrated LED 230 V AC, screw terminal, with laser labeling, inscription or symbol Customer-specific selection with SIRIUS ACT configurator (CIN)



|  |   |
|--|---|
| 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="#">3SU1401-1BF20-1AA0</a>  |
| • of the supplied holder                         | <a href="#">3SU1550-0AA10-0AA0</a>  |
| • of supplied repeater                           | <a href="#">3SU1001-6AA20-0AA0</a>  |
| <b>Enclosure</b>                                 |   |
| number of command points                         | 1   |
| <b>Actuator</b>                                  |   |
| 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, text or symbols, can only be ordered via SIRIUS ACT configurator/Configuration Identification Number (CIN) |
| <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 Prohibitance (Date)</b>   | 10/01/2014  |
| <b>SVHC substance name</b>   | Lead - 7439-92-1<br>Lead monoxide (lead oxide) - 1317-36-8<br>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5                                 |
| <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>  |   |
| <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>   | 230 V<br>230 V<br>230 ... 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   |
| <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>   | Screw-type terminal   |
| <b>type of connectable conductor cross-sections</b>  |   |
| <ul style="list-style-type: none"> <li>• solid with core end processing</li> <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 (0.5 ... 0.75 mm <sup>2</sup> )<br>2x (1.0 ... 1.5 mm <sup>2</sup> )<br>2x (0.5 ... 1.5 mm <sup>2</sup> )<br>2x (1,0 ... 1,5 mm <sup>2</sup> )<br>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>   |   |
| <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>  | front plate mounting  |
| <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>   | 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>  |

[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=3SU1106-6AA20-1AA0-Z Y19>

Cax online generator

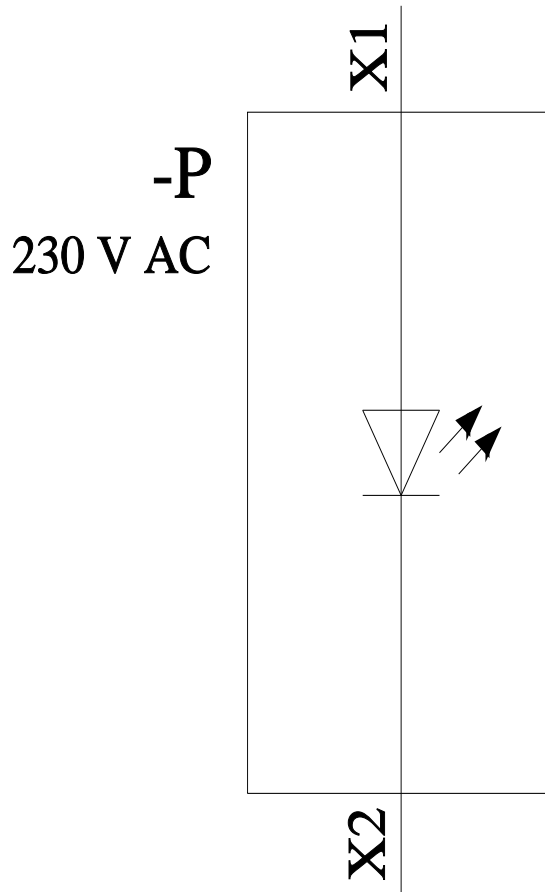
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1106-6AA20-1AA0-Z Y19>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1106-6AA20-1AA0-Z Y19>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1106-6AA20-1AA0-Z Y19&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1106-6AA20-1AA0-Z Y19&lang=en)



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