



Indicator lights, 22 mm, round, plastic, clear, lens, smooth, with holder, LED module, with integrated LED 24 V AC/DC, screw terminal, with laser labeling, symbol number according to, ISO 7000 or IEC 60417

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| <b>product brand name</b>  | SIRIUS ACT   |
| <b>product designation</b>   | Indicator lights   |
| <b>design of the product</b>   | Complete unit  |
| <b>product type designation</b>  | 3SU1   |
| <b>product line</b>  | Plastic, black, 22 mm  |
| <b>manufacturer's article number</b>   |  |
| <ul style="list-style-type: none"> <li>• of supplied LED module</li> <li>• of the supplied holder</li> <li>• of supplied repeater</li> </ul> | <a href="#">3SU1401-1BB60-1AA0</a><br><a href="#">3SU1550-0AA10-0AA0</a><br><a href="#">3SU1001-6AA70-0AA0</a> |
| <b>Enclosure</b>   |  |
| <b>number of command points</b>  | 1  |
| <b>Actuator</b>  |  |
| product extension optional light source  | Yes  |
| <b>color</b>   |  |
| <ul style="list-style-type: none"> <li>• of the actuating element</li> </ul>   | clear  |
| <b>material of the actuating element</b>   | plastic  |
| <b>shape of the actuating element</b>  | round  |
| <b>outer diameter of the actuating element</b>   | 29.45 mm   |
| <b>marking of the actuating element</b>  | Any inscription, symbol compliant with ISO7000 and IEC60417  |
| <b>Front ring</b>  |  |
| <b>product component front ring</b>  | No   |
| <b>Holder</b>  |  |
| <b>material of the holder</b>  | Plastic  |
| <b>Display</b>   |  |
| <b>number of LED modules</b>   | 1  |
| <b>General technical data</b>  |  |
| product component light source   | Yes  |
| insulation voltage rated value   | 320 V  |
| <b>degree of pollution</b>   | 3  |
| <b>surge voltage resistance rated value</b>  | 4 kV   |
| <b>protection class IP</b>   | IP66, IP67, IP69(IP69K)  |
| <ul style="list-style-type: none"> <li>• of the terminal</li> </ul>  | IP20   |
| <b>degree of protection NEMA rating</b>  | 1, 2, 3, 3R, 4, 4X, 12, 13   |
| <b>shock resistance</b>  |  |
| <ul style="list-style-type: none"> <li>• according to IEC 60068-2-27</li> <li>• for railway applications according to EN 61373</li> </ul>    | sinusoidal half-wave 15g / 11 ms<br>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   |

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| reference code according to IEC 81346-2  | P  |
| Substance Prohibitance (Date)  | 10/01/2014   |
| <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</b>  |  |
| • rated value  | 24 V   |
| • rated value  | 24 ... 24 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>  | 2 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> )  |
| • at 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>Certificates/ approvals</b>   |  |
| <b>Further information</b>   |  |
| Information- and Downloadcenter (Catalogs, Brochures,...)<br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>   |  |
| Industry Mall (Online ordering system)<br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1102-6AA70-1AA0-Z Y13">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1102-6AA70-1AA0-Z Y13</a>  |  |
| Cax online generator<br><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1102-6AA70-1AA0-Z Y13">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1102-6AA70-1AA0-Z Y13</a>  |  |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,...)<br><a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA70-1AA0-Z Y13">https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA70-1AA0-Z Y13</a>  |  |
| Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)<br><a href="http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1102-6AA70-1AA0-Z Y13&amp;lang=en">http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1102-6AA70-1AA0-Z Y13&amp;lang=en</a> |  |

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