



Indicator light with LED lamp, compact, 22 mm, round, metal, clear with red-yellow-green LED, lens, smooth, with holder, operating voltage 110 V AC, screw terminal

|   |                                  |
|---|----------------------------------|
| <b>product brand name</b>                                 | SIRIUS ACT                       |
| <b>product designation</b>                                | Indicator lights                 |
| <b>design of the product</b>                              | Compact unit                     |
| <b>product type designation</b>                           | 3SU1                             |
| <b>product line</b>                                       | Metal, shiny, 22 mm              |
| manufacturer's article number of the supplied holder      | 3SU1550-0AA10-0AA0               |
| <b>Enclosure</b>  |                                  |
| <b>shape of the enclosure front</b>                       | round                            |
| <b>Actuator</b>   |                                  |
| <b>design of the actuating element</b>                    | With "traffic light" LED         |
| product extension optional light source                   | No                               |
| <b>color</b>  |                                  |
| • of the actuating element                                | 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>            | 29.5 mm                          |
| <b>Front ring</b>   |                                  |
| <b>product component front ring</b>                       | No                               |
| <b>Holder</b>   |                                  |
| <b>material of the holder</b>                             | Metal                            |
| <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                             |
| consumed current maximum                                  | 40 mA                            |
| <b>protection class IP</b>                                | IP66, IP67, IP69(IP69K)          |
| • of the terminal   | IP20, clamping screw tightened   |
| <b>degree of protection NEMA rating</b>                   | 1, 2, 3, 3R, 4, 4X, 12, 13       |
| <b>shock resistance</b>                                   |                                  |
| • acc. to IEC 60068-2-27                                  | Sinusoidal half-wave 50g / 11 ms |
| <b>vibration resistance</b>                               |                                  |
| • acc. to IEC 60068-2-6                                   | 10 ... 500 Hz: 5g                |
| <b>operating period typical</b>                           | 100 000 h                        |
| <b>reference code acc. to IEC 81346-2</b>                 | P                                |
| <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   |
| <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>                      | screw-type terminals  |
| <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 ... 1 N·m   |
| <b>Lamp</b>   |   |
| <b>type of light source</b>                               | LED   |
| <b>color of the light source</b>                          | red/yellow/ green   |
| <b>light intensity</b>                                    | 900 ... 1 400 mcd   |
| <b>Ambient conditions</b>                                 |   |
| • ambient temperature during operation                    | -25 ... +70 °C  |
| • ambient temperature during storage                      | -40 ... +80 °C  |
| environmental category during operation acc. 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>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>                                    | 12.9 mm   |
| <b>installation width</b>                                 | 29.5 mm   |
| <b>installation depth</b>                                 | 49.6 mm   |
| <b>Certificates/ approvals</b>                            |   |
| <b>General Product Approval</b>                           | <b>Declaration of Conformity</b>  |



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Test Certificates

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#### Further information

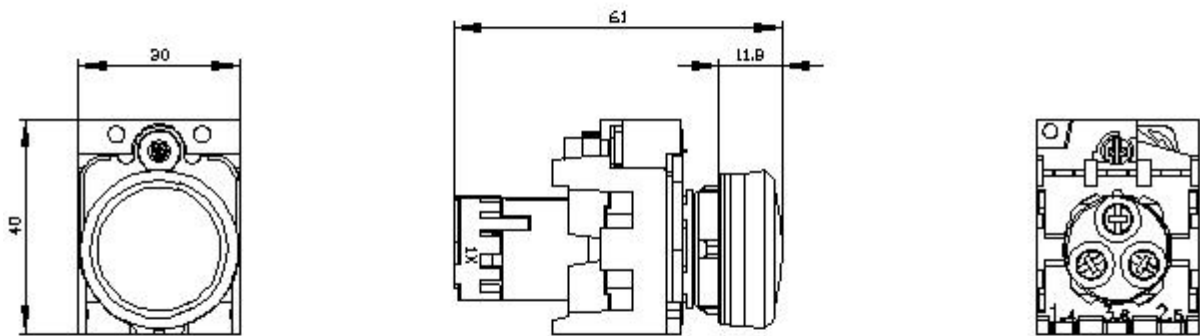
Information- and Downloadcenter (Catalogs, Brochures,...)

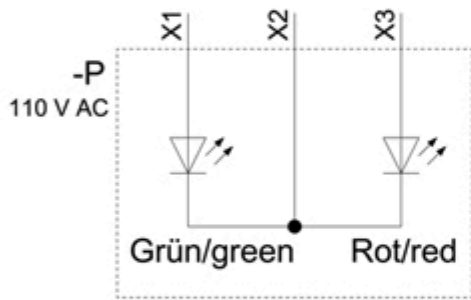
<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SU1251-6AC24-1AA0>

Cax online generator





| X1 | X2 | X3 | Farbe/color |
|----|----|----|-------------|
| X  | X  |    | Grün/green  |
|    | X  | X  | Rot/red     |
| X  | X  | X  | Gelb/yellow |

last modified:

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