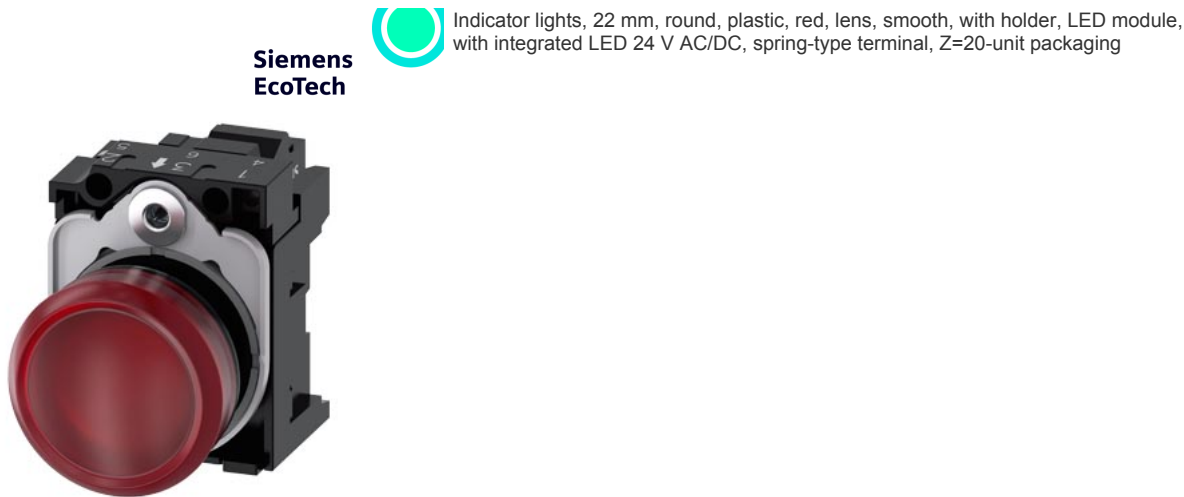




|                                                  |                                    |
|--------------------------------------------------|------------------------------------|
| product brand name                               | SIRIUS ACT                         |
| product designation                              | 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="#">3SU1401-1BB20-3AA0</a> |
| • of the supplied holder                         | <a href="#">3SU1550-0AA10-0AA0</a> |
| • of supplied repeater                           | <a href="#">3SU1001-6AA20-0AA0</a> |
| Enclosure                                        |                                    |
| number of command points                         | 1                                  |
| Actuator                                         |                                    |
| 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                           |
| Front ring                                       |                                    |
| product component front ring                     | No                                 |
| Holder                                           |                                    |
| material of the holder                           | Plastic                            |
| Display                                          |                                    |
| number of LED modules                            | 1                                  |
| General technical data                           |                                    |
| 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                          |
| <b>Supply voltage</b>                                          |                                                                                                                                          |
| 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              | 30 %                                                                                                                                     |
| relative positive tolerance of the supply voltage              | 25 %                                                                                                                                     |
| <b>Control circuit/ Control</b>                                |                                                                                                                                          |
| inrush current maximum                                         | 2 A                                                                                                                                      |
| <b>Connections/ Terminals</b>                                  |                                                                                                                                          |
| type of electrical connection                                  | other                                                                                                                                    |
| • of modules and accessories                                   | Spring-type terminal                                                                                                                     |
| type of connectable conductor cross-sections                   |                                                                                                                                          |
| • solid without core end processing                            | 2x (0.25 ... 1.5 mm <sup>2</sup> )                                                                                                       |
| • finely stranded with core end processing                     | 2x (0.25 ... 0.75 mm <sup>2</sup> )                                                                                                      |
| • finely stranded without core end processing                  | 2x (0.25 ... 1.5 mm <sup>2</sup> )                                                                                                       |
| • for AWG cables                                               | 2x (24 ... 16)                                                                                                                           |
| tightening torque of the screws in the bracket                 | 1 ... 1.2 N·m                                                                                                                            |
| <b>Lamp</b>                                                    |                                                                                                                                          |
| type of light source                                           | LED                                                                                                                                      |
| color of the light source                                      | red                                                                                                                                      |
| light intensity                                                | 450 ... 1 120 mcd                                                                                                                        |
| <b>Ambient conditions</b>                                      |                                                                                                                                          |
| 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) |
| <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>                      |                                                                                                                                          |
| 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                                                                                                                                  |
| <b>Approvals Certificates</b>                                  |                                                                                                                                          |
| General Product Approval                                       | Test Certificates                                                                                                                        |



[Confirmation](#)



[Type Test Certificates/Test Report](#)

#### Marine / Shipping



[Confirmation](#)



#### Environment

Siemens  
EcoTech



[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=3SU1102-6AA20-3AA0-Z X90>

Cax online generator

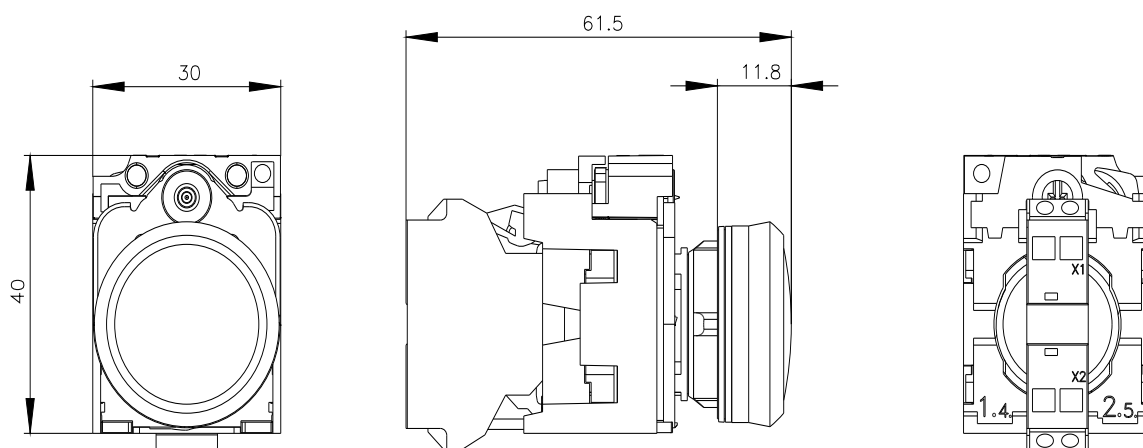
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1102-6AA20-3AA0-Z X90>

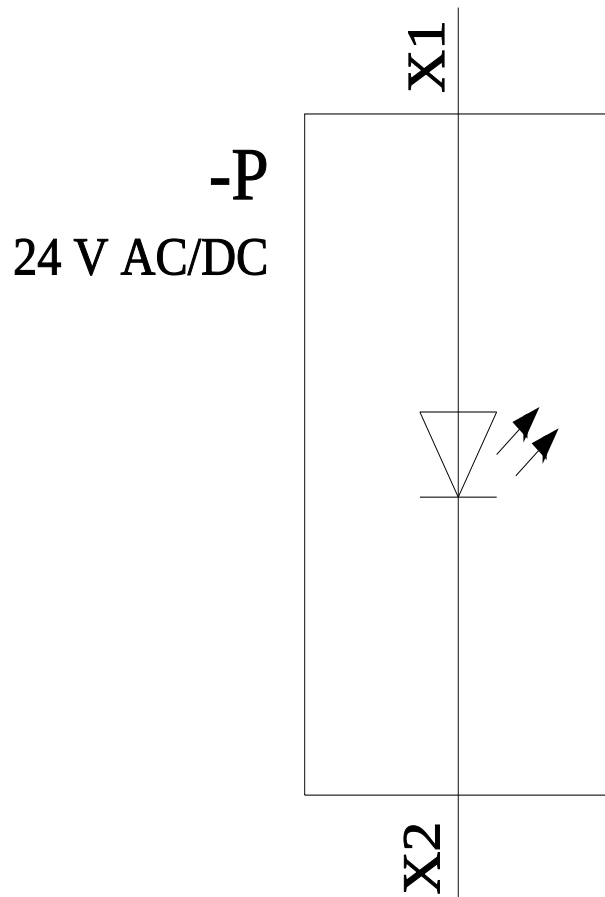
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1102-6AA20-3AA0-Z X90>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1102-6AA20-3AA0-Z X90&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1102-6AA20-3AA0-Z X90&lang=en)





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