SIEMENS

## Data sheet 3SU1102-6AA50-1AA0



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 | 3SU1401-1BB50-1AA0 |
| ● of the supplied holder | 3SU1550-0AA10-0AA0 |
| ● of supplied repeater | 3SU1001-6AA50-0AA0 |
| **Enclosure** | |
| **number of command points** | 1 |
| **Actuator** | |
| 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 |
| **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 |


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| | |
|---|---|
| **SVHC substance name** | Bleimonoxid (Bleioxid) - 1317-36-8<br>2-Methyl-1-(4-methylthiophenyl)-2-morpho - 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 |
| ● rated value | 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 |
| **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** | | | | | **Declaration of Conformity** |
|---|---|---|---|---|---|
| CSA | CCC | Confirmation | UL | EAC | UKCA |

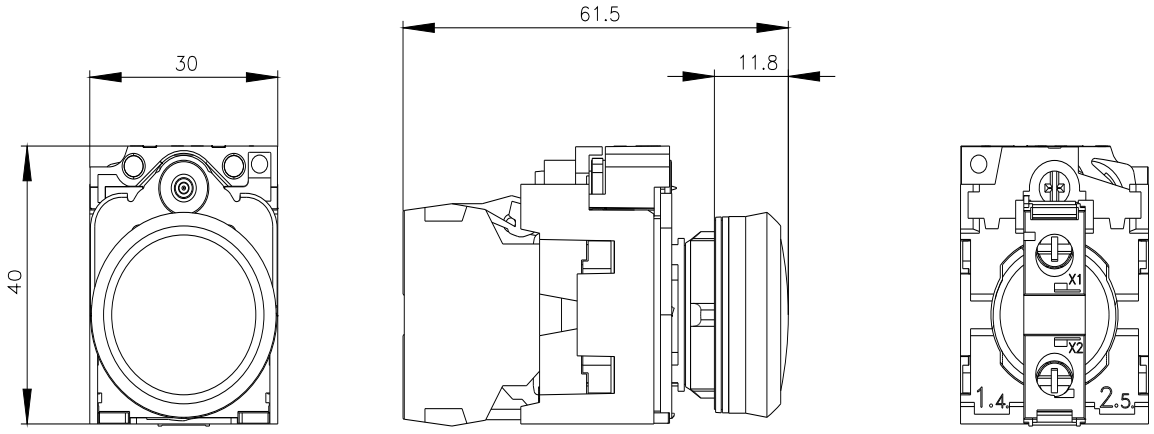

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| Declaration of Conformity | Test Certificates | Marine / Shipping | | | |
|---|---|---|---|---|---|
| EG-Konf. | Type Test Certificates/Test Report | ABS | LRS | PRS | RINA |

| other | Environment |
|---|---|
| Confirmation | Environmental Confirmations |

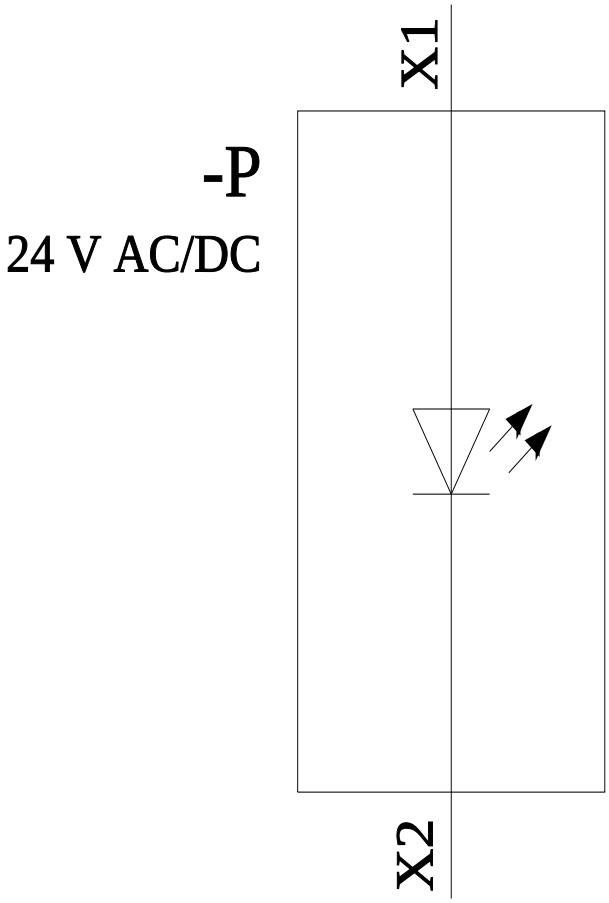
## Further information

**Siemens has decided to exit the Russian market (see here).**
https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business
**Siemens is working on the renewal of the current EAC certificates.**
Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).
**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





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