SIEMENS

## Data sheet 3SU1401-1BF50-3AA0-Z X90




LED module with integrated LED 230 V AC, blue, spring-type terminal, for front plate mounting, Z=50-unit packaging

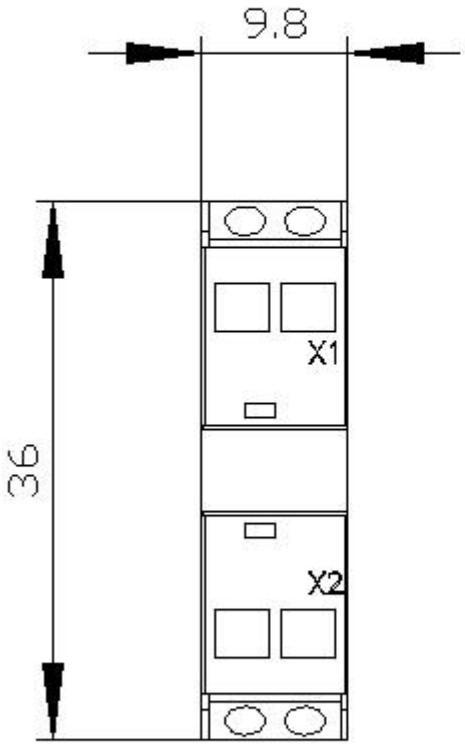
| | |
|---|---|
| **product brand name** | SIRIUS ACT |
| **product designation** | LED module |
| **product type designation** | 3SU1 |
| **General technical data** | |
| **product component** | |
| ● diode | Yes |
| ● lamp transformer | No |
| ● light source | Yes |
| ● series resistor | No |
| insulation voltage rated value | 320 V |
| **degree of pollution** | 3 |
| type of voltage of the operating voltage | AC |
| ● for actuation | AC |
| **surge voltage resistance rated value** | 4 kV |
| consumed current maximum | 20 mA |
| protection class IP | |
| ● of the enclosure | IP40 |
| ● of the terminal | IP20 |
| **shock resistance** | |
| ● acc. to IEC 60068-2-27 | Sinusoidal half-wave 50g / 11 ms |
| ● for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| **vibration resistance** | |
| ● acc. to IEC 60068-2-6 | 10 ... 500 Hz: 5g |
| ● for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| **operating period typical** | 100 000 h |
| **reference code acc. to IEC 81346-2** | P |
| **operating voltage 1** | |
| ● at AC | |
| — at 50 Hz rated value | 230 V |
| — at 60 Hz rated value | 230 V |
| **relative positive tolerance of the operating voltage** | 20 % |
| **relative negative tolerance of the operating voltage** | 20 % |
| **Control circuit/ Control** | |
| **inrush current maximum** | 3 A |
| **Connections/ Terminals** | |
| **type of electrical connection** | spring-loaded terminals |
| **type of connectable conductor cross-sections** | |

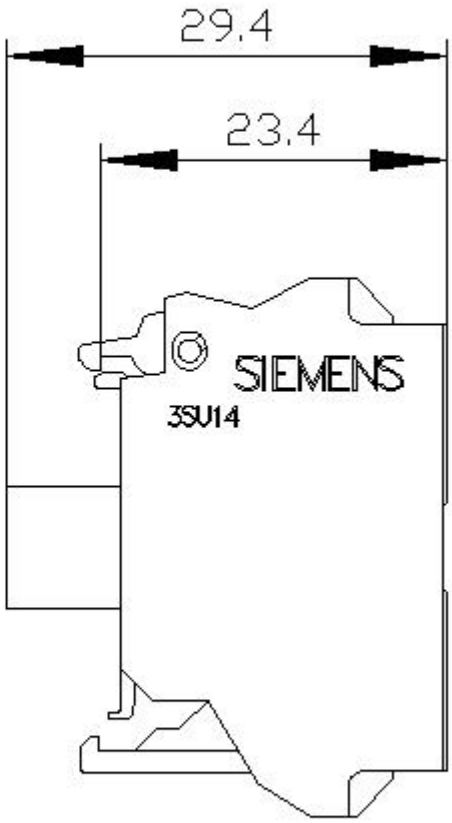

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| | |
|---|---|
| ● solid without core end processing | 2x (0.25 ... 1.5 mm²) |
| ● finely stranded with core end processing | 2x (0.25 ... 0.75 mm²) |
| ● finely stranded without core end processing | 2x (0.25 ... 1.5 mm²) |
| ● at AWG cables | 2x (24 ... 16) |
| **Lamp** | |
| **type of light source** | LED |
| **color of the light source** | blue |
| **light intensity** | 280 ... 710 mcd |
| **certificate of suitability** | |
| ● ATEX | No |
| ● IECEx | No |
| **Ambient conditions** | |
| ● 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, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted) |
| **Installation/ mounting/ dimensions** | |
| **fastening method** | |
| ● of modules and accessories | Front plate mounting |
| **height** | 36 mm |
| **width** | 9.8 mm |
| **depth** | 29.4 mm |
| **Certificates/ approvals** | |
| **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?mlfb=3SU1401-1BF50-3AA0-Z X90
**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BF50-3AA0-Z X90
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BF50-3AA0-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=3SU1401-1BF50-3AA0-Z X90&lang=en

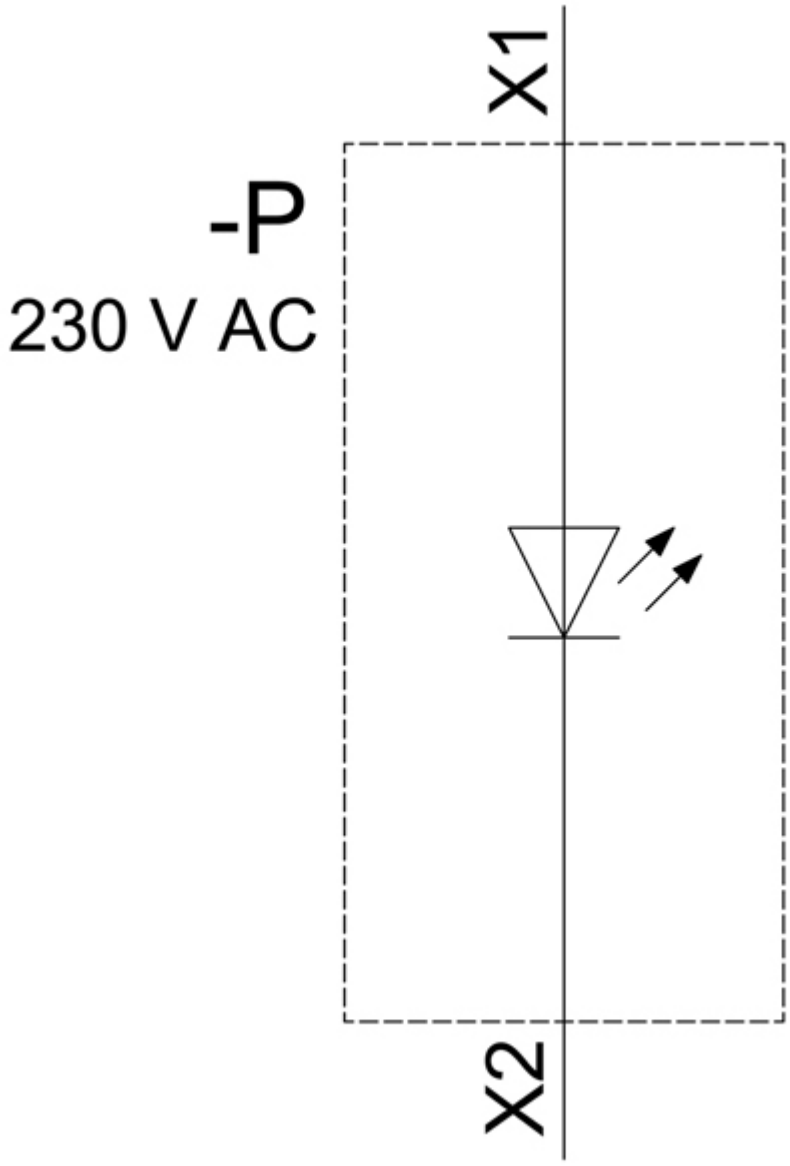

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