SIEMENS

Data sheet

3SU1401-2BF40-1AA0



LED module with integrated LED 230 V AC, green, screw terminal, for floor mounting

| and the former and the second | SIRIUS ACT | | | |
|--|----------------------------------|--|--|--|
| product brand name | LED module | | | |
| product designation | 3SU1 | | | |
| product type designation | 3501 | | | |
| 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 | | | | |
| 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 | | | |
| operating period typical | 100 000 h | | | |
| reference code according to IEC 81346-2 | P | | | |
| Substance Prohibitance (Date) | 10/01/2014 | | | |
| 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 | screw-type terminals | | | |
| 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) | | | |

| | core end processing | | 2x (0.5 1.5 mm²) | | | |
|--|-----------------------|---|--|-------------------------------|---------------------------------|--|
| finely stranded with one end processing finely stranded without core end processing | | | 2x (1,0 1,5 mm ²) | | | |
| for AWG cables | | | 2x (18 14) | | | |
| tightening torque with screw-type terminals | | | 0.8 0.9 N·m | | | |
| Lamp | | | | | | |
| type of light source | | | LED | | | |
| color of the light source | | | green | | | |
| light intensity | | | 900 1 400 mcd | | | |
| certificate of suitability | | | | | | |
| • ATEX | | | No | | | |
| • IECEx | | | No | | | |
| mbient conditions | | | | | | |
| ambient temperature | | | | | | |
| during operation | | | -25 +70 °C | | | |
| during operation during storage | | | -40 +80 °C | | | |
| environmental category du | ring operation accord | ting to IEC | | 3K6 (with relative air humidi | tv of 10 95% po | |
| 60721 | ing operation accord | | 3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted) | | | |
| stallation/ mounting/ dim | nensions | | | | | |
| fastening method | | | | | | |
| of modules and acce | essories | | Floor mounting | | | |
| height | | | 33.2 mm | | | |
| width | | | 9.8 mm | | | |
| depth | | | 29.4 mm | | | |
| suitability for integration | I. | | | | | |
| plastic enclosure | | | Yes | | | |
| metal enclosure | | | Yes | | | |
| ertificates/ approvals | | | | | | |
| General Product Approv | ral | | | | EMC | |
| | | | | | _ | |
| | Confirmation | (m) | <u> </u> | гпг | A | |
| L.) H | | (m) | (%L) | ' FHI | <u>(</u>) | |
| | | | | | | |
| CSA CSA | | ccc | UL | | RCM | |
| CSA CSA | | ccc | UL | | RCM | |
| USA CSA | | ccc | UL | | RCM | |
| Declaration of Conformit | ty | ccc Test Certificate | UL | Marine / Shippin | RCM | |
| | ty | | | | RCM ng | |
| | ty CE | Test Certificate | tific- Special Test C | | RCM ng | |
| | CE | Type Test Cer | tific- <u>Special Test C</u> | | RC M | |
| Declaration of Conformit | ity CE EG-Konf. | Type Test Cer | tific- <u>Special Test C</u> | | ng Lloyds Kegister UKS | |
| | CE | Type Test Cer | tific- <u>Special Test C</u> | | Lloyds Register | |
| UK CA | CE | <u>Type Test Cer</u> ates/Test Rep | tific <u>- Special Test C</u> sort <u>ate</u> | Certific- | Lloyds Register | |
| | CE | Type Test Cer | tific- <u>Special Test C</u> | Certific- | Lloyds Register | |
| UK CA | CE | Type Test Cer ates/Test Rep other | tific- <u>Special Test C</u> sort <u>ate</u> Environment | Certific- | Lloyds Register | |
| UK CA | CE | <u>Type Test Cer</u> ates/Test Rep | tific- <u>Special Test C</u> sort <u>ate</u> Environment | Certific- | Lloyds Register | |
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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=3SU1401-2BF40-1AA0

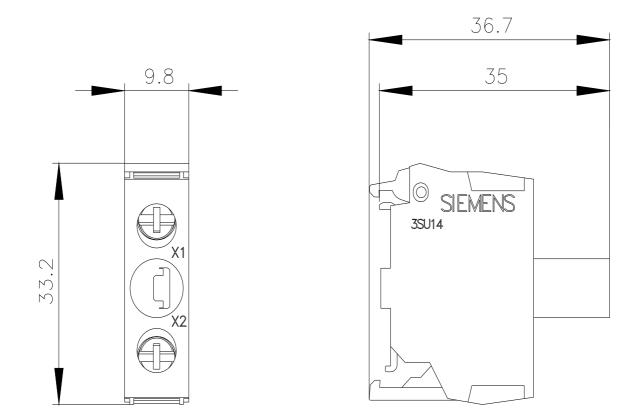
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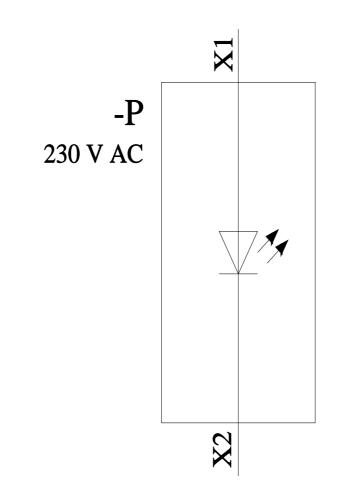
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BF40-1AA0

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

https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BF40-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BF40-1AA0&lang=en





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