



LED module with integrated LED 110 V AC, green, screw 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 | |
| • 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) | 03/01/2017 |
| operating voltage 1 | |
| • at AC | |
| — at 50 Hz rated value | 110 V |
| — at 60 Hz rated value | 110 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 mm ²) |

| | |
|---|---|
| <ul style="list-style-type: none"> • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables | 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1.0 ... 1.5 mm ²) 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 | |
| <ul style="list-style-type: none"> • ATEX • IECEX | No No |

| Ambient conditions | |
|--|--|
| ambient temperature | |
| <ul style="list-style-type: none"> • during operation • during storage | -25 ... +70 °C -40 ... +80 °C |
| environmental category during operation according 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 | |
| <ul style="list-style-type: none"> • of modules and accessories | Front plate mounting |
| height | 33.2 mm |
| width | 9.8 mm |
| depth | 29.4 mm |
| suitability for integration | |
| <ul style="list-style-type: none"> • plastic enclosure • metal enclosure | Yes Yes |

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=3SU1401-1BC40-1AA0-Z X90>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BC40-1AA0-Z X90>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BC40-1AA0-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=3SU1401-1BC40-1AA0-Z X90&lang=en

last modified:

3/9/2022 