



LED module with integrated LED 110 V AC, green, screw terminal, for front plate mounting

|   |                                    |
|---|------------------------------------|
| <b>product brand name</b>                                   | SIRIUS ACT                         |
| <b>product designation</b>                                  | LED module                         |
| <b>product type designation</b>                             | 3SU1                               |
| <b>General technical data</b>                               |                                    |
| <b>product component</b>                                    |                                    |
| • diode   | Yes                                |
| • lamp transformer  | No                                 |
| • light source  | Yes                                |
| • series resistor   | No                                 |
| insulation voltage rated value                              | 320 V                              |
| <b>degree of pollution</b>                                  | 3                                  |
| type of voltage of the operating voltage                    | AC                                 |
| • for actuation   | AC                                 |
| <b>surge voltage resistance rated value</b>                 | 4 kV                               |
| consumed current maximum                                    | 20 mA                              |
| protection class IP   |                                    |
| • of the enclosure  | IP40                               |
| • of the terminal   | IP20                               |
| <b>shock resistance</b>                                     |                                    |
| • acc. to IEC 60068-2-27                                    | sinusoidal half-wave 15g / 11 ms   |
| • for railway applications acc. to DIN EN 61373             | Category 1, Class B                |
| <b>vibration resistance</b>                                 |                                    |
| • acc. to IEC 60068-2-6                                     | 10 ... 500 Hz: 5g                  |
| • for railway applications acc. to DIN EN 61373             | Category 1, Class B                |
| <b>operating period typical</b>                             | 100 000 h                          |
| <b>reference code acc. to IEC 81346-2</b>                   | P                                  |
| Substance Prohibitance (Date)                               | 01.10.2014                         |
| <b>operating voltage 1</b>                                  |                                    |
| • at AC   |                                    |
| — at 50 Hz rated value                                      | 110 V                              |
| — at 60 Hz rated value                                      | 110 V                              |
| <b>relative positive tolerance of the operating voltage</b> | 20 %                               |
| <b>relative negative tolerance of the operating voltage</b> | 20 %                               |
| <b>Control circuit/ Control</b>                             |                                    |
| <b>inrush current maximum</b>                               | 3 A                                |
| <b>Connections/ Terminals</b>                               |                                    |
| <b>type of electrical connection</b>                        | screw-type terminals               |
| <b>type of connectable conductor cross-sections</b>         |                                    |
| • solid with core end processing                            | 2x (0.5 ... 0.75 mm <sup>2</sup> ) |

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

| Ambient conditions   |  |
|--|--|
| ambient temperature  |  |
| <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul> | -25 ... +70 °C<br>-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   |                      |
| <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul> | Front plate mounting |
| height   | 33.2 mm              |
| width  | 9.8 mm               |
| depth  | 29.4 mm              |

| Certificates/ approvals  |     |                           |
|--------------------------|-----|---------------------------|
| General Product Approval | EMC | Declaration of Conformity |



[UK Declaration of Conformity](#)

| Declaration of Conformity | Test Certificates | Marine / Shipping |
|---------------------------|-------------------|-------------------|
|---------------------------|-------------------|-------------------|



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



| Marine / Shipping | other |
|-------------------|-------|
|-------------------|-------|



[Confirmation](#)

### 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>

Cax online generator

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

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BC40-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1BC40-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BC40-1AA0&lang=en)



