



LED module with integrated LED 230 V AC, green, spring-type terminal, for front plate mounting

|                          |            |
|--------------------------|------------|
| product brand name       | SIRIUS ACT |
| product designation      | LED module |
| product type designation | 3SU1       |

### General technical data

|                                                      |                                  |
|------------------------------------------------------|----------------------------------|
| product component                                    | Yes                              |
| • diode                                              | No                               |
| • lamp transformer                                   | Yes                              |
| • light source                                       | No                               |
| • series resistor                                    | 320 V                            |
| insulation voltage rated value                       | 3                                |
| degree of pollution                                  | AC                               |
| type of voltage of the operating voltage             | AC                               |
| • for actuation                                      | 4 kV                             |
| surge voltage resistance rated value                 | 20 mA                            |
| consumed current maximum                             |                                  |
| 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                 | spring-loaded terminals             |
| type of connectable conductor cross-sections  |                                     |
| • solid without core end processing           | 2x (0.25 ... 1.5 mm <sup>2</sup> )  |
| • finely stranded with core end processing    | 2x (0.25 ... 0.75 mm <sup>2</sup> ) |
| • finely stranded without core end processing | 2x (0.25 ... 1.5 mm <sup>2</sup> )  |

- at AWG cables

2x (24 ... 16)

## 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                |

## 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, 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              |
| suitability for integration  |                      |
| • plastic enclosure          | Yes                  |
| • metal enclosure            | Yes                  |

## Certificates/ approvals

General Product Approval

EMC



[Confirmation](#)



Declaration of Conformity

Test Certificates

Marine / Shipping



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping

other



[Confirmation](#)

[Environmental Confirmations](#)

## Further information

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=3SU1401-1BF40-3AA0>

Cax online generator

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

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

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

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1BF40-3AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BF40-3AA0&lang=en)



