



LED module with integrated LED, 24-240 V AC/DC, red, screw terminal, for floor mounting

|  |                                    |
|--|------------------------------------|
| product brand name                                   | SIRIUS ACT                         |
| product designation                                  | LED module                         |
| product type designation                             | 3SU1                               |
| <b>General technical data</b>                        |                                    |
| 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/DC                              |
| • for actuation                                      | AC/DC                              |
| 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 Prohibition (Date)                         | 10/01/2014                         |
| operating voltage                                    |                                    |
| • at AC  |                                    |
| — at 50 Hz rated value                               | 24 ... 240 V                       |
| — at 60 Hz rated value                               | 24 ... 240 V                       |
| • at DC rated value                                  | 24 ... 240 V                       |
| relative positive tolerance of the operating voltage | 20 %                               |
| relative negative tolerance of the operating voltage | 20 %                               |
| <b>Control circuit/ Control</b>                      |                                    |
| inrush current maximum                               | 3 A                                |
| <b>Connections/ Terminals</b>                        |                                    |
| type of electrical connection                        | screw-type terminals               |
| type of connectable conductor cross-sections         |                                    |
| • solid with core end processing                     | 2x (0.5 ... 0.75 mm <sup>2</sup> ) |
| • solid without core end processing                  | 2x (1.0 ... 1.5 mm <sup>2</sup> )  |

- finely stranded with core end processing
- finely stranded without core end processing
- at AWG cables

2x (0.5 ... 1.5 mm<sup>2</sup>)  
 2x (1,0 ... 1,5 mm<sup>2</sup>)  
 2x (18 ... 14)  
 0.8 ... 0.9 N·m

tightening torque with screw-type terminals

#### Lamp

|                                   |                   |
|-----------------------------------|-------------------|
| <b>type of light source</b>       | LED               |
| <b>color of the light source</b>  | red               |
| <b>light intensity</b>            | 450 ... 1 120 mcd |
| <b>certificate of suitability</b> |                   |
| • ATEX                            | No                |
| • IECEX                           | No                |

#### Ambient conditions

|  |  |
|--|--|
| <b>ambient temperature</b>                                     |  |
| • 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

|                                    |                |
|------------------------------------|----------------|
| <b>fastening method</b>            |                |
| • of modules and accessories       | Floor mounting |
| <b>height</b>                      | 33.2 mm        |
| <b>width</b>                       | 9.8 mm         |
| <b>depth</b>                       | 29.4 mm        |
| <b>suitability for integration</b> |                |
| • plastic enclosure                | Yes            |
| • metal enclosure                  | Yes            |

#### Certificates/ approvals

General Product Approval

EMC



[Confirmation](#)



Declaration of Conformity

Test Certificates

Marine / Shipping



[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping

other



[Environmental Confirmations](#)

[Confirmation](#)

#### 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=3SU1401-2BH20-1AA0>

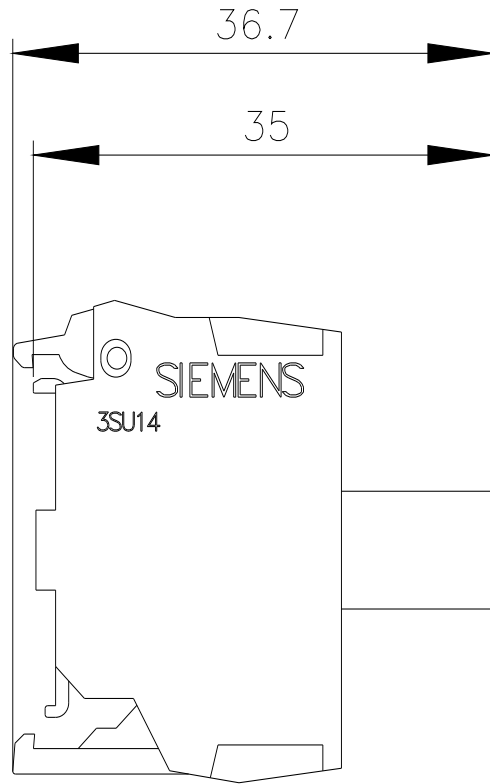
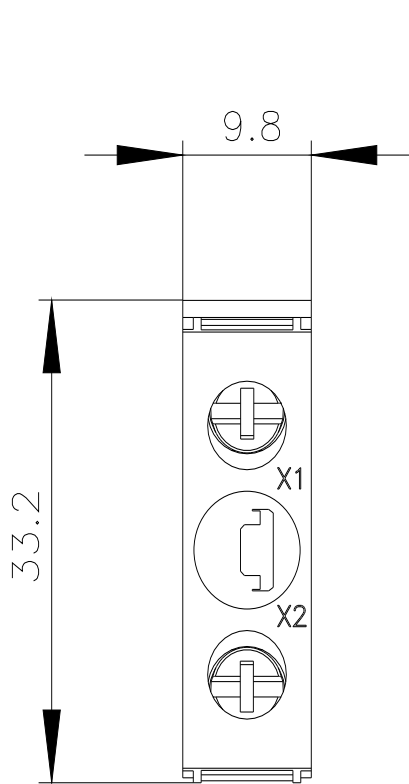
Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BH20-1AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BH20-1AA0>

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



**-P**  
**24-240 V AC/DC**

