



LED module with integrated LED 110 V AC, green, screw terminal, for front plate 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                               |
| • 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                                     |                                  |
| • acc. to IEC 60068-2-27                             | Sinusoidal half-wave 50g / 11 ms |
| • for railway applications acc. to DIN EN 61373      | Category 1, Class B              |
| vibration resistance                                 |                                  |
| • acc. to IEC 60068-2-6                              | 10 ... 500 Hz: 5g                |
| • for railway applications acc. to DIN EN 61373      | Category 1, Class B              |
| operating period typical                             | 100 000 h                        |
| reference code acc. to IEC 81346-2                   | P                                |
| 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 %                             |
| <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    | 2x (0.5 ... 1.5 mm <sup>2</sup> )  |
| • finely stranded without core end processing | 2x (1.0 ... 1.5 mm <sup>2</sup> )  |
| • at AWG cables                               | 2x (18 ... 14)                     |
| • tightening torque with screw-type terminals | 0.8 ... 0.9 N·m                    |

|                            |                   |
|----------------------------|-------------------|
| <b>Lamp</b>                |                   |
| type of light source       | LED               |
| color of the light source  | green             |
| light intensity            | 900 ... 1 400 mcd |
| certificate of suitability |                   |
| • ATEX                     | No                |
| • IECEx                    | No                |

|                                                           |                                                                                                             |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Ambient conditions</b>                                 |                                                                                                             |
| • ambient temperature during operation                    | -25 ... +70 °C                                                                                              |
| • ambient temperature during storage                      | -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) |

|                                           |                      |
|-------------------------------------------|----------------------|
| <b>Installation/ mounting/ dimensions</b> |                      |
| fastening method                          |                      |
| • of modules and accessories              | Front plate mounting |
| height                                    | 33.2 mm              |
| width                                     | 9.8 mm               |
| depth                                     | 29.4 mm              |

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



[Miscellaneous](#)

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



EG-Konf.

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS

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



RINA



RMRS

[Confirmation](#)

#### Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

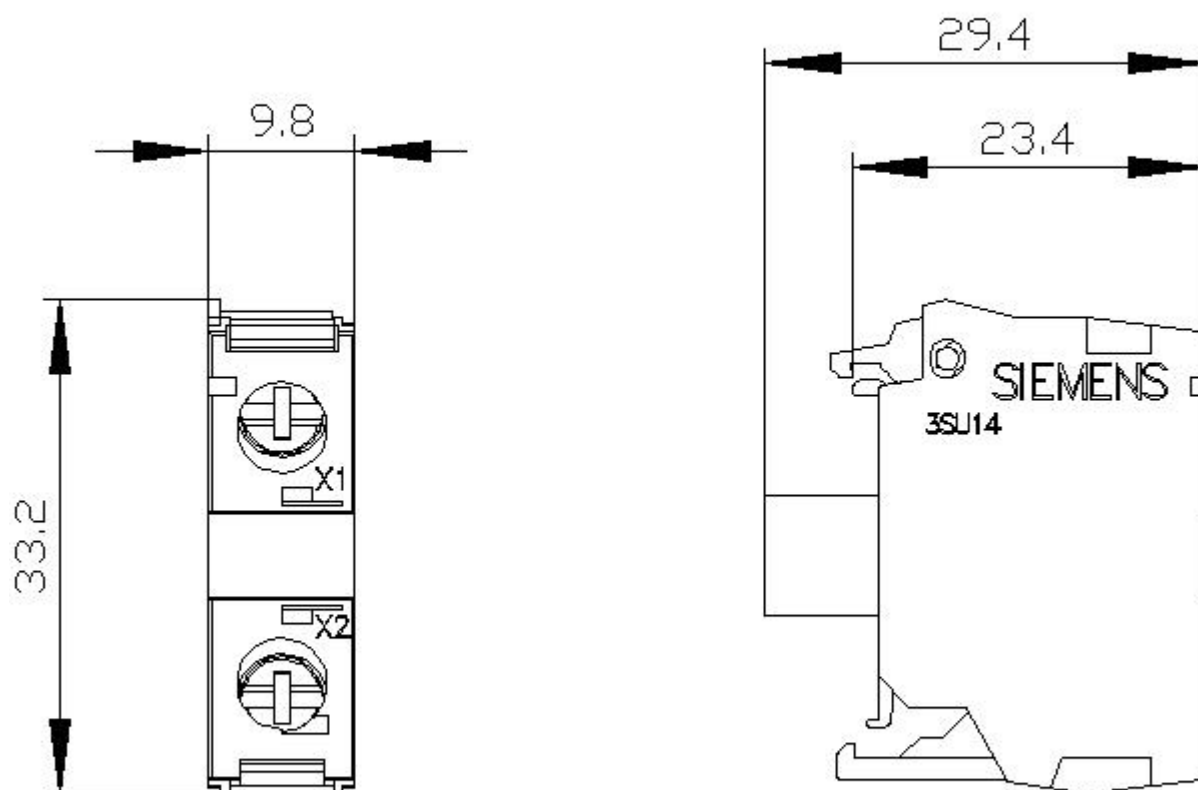
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BC40-1AA0>

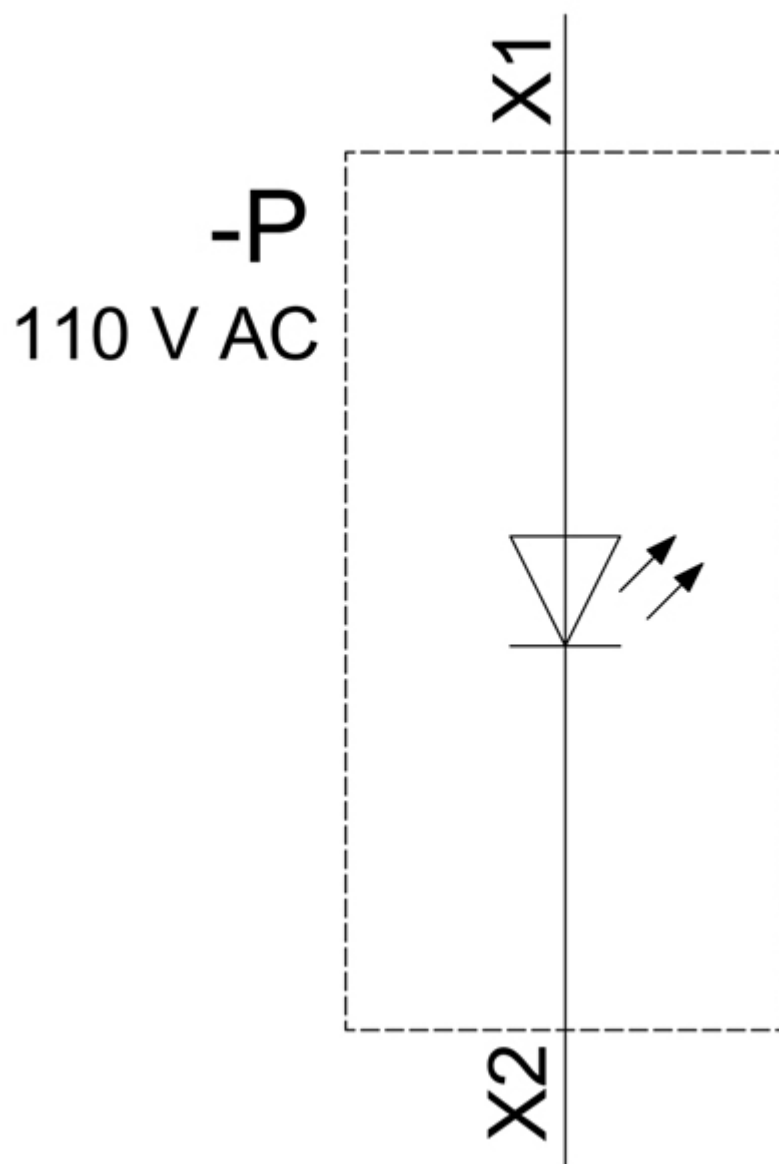
Cax online generator

<http://support.automation.siemens.com/WW/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>





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