



LED module with integrated LED 24 V AC/DC, green, Spring-loaded terminal, for front plate mounting, Minimum order quantity 5 or a multiple thereof

|                                                      |                                  |
|------------------------------------------------------|----------------------------------|
| 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                             | 25 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                                |
| Substance Prohibitance (Date)                        | 01.10.2014 00:00:00              |
| operating voltage 1                                  |                                  |
| • at AC                                              |                                  |
| — at 50 Hz rated value                               | 24 V                             |
| — at 60 Hz rated value                               | 24 V                             |
| • at DC rated value                                  | 24 V                             |
| relative positive tolerance of the operating voltage | 25 %                             |
| relative negative tolerance of the operating voltage | 30 %                             |
| <b>Control circuit/ Control</b>                      |                                  |
| inrush current maximum                               | 2 A                              |
| <b>Connections/ Terminals</b>                        |                                  |

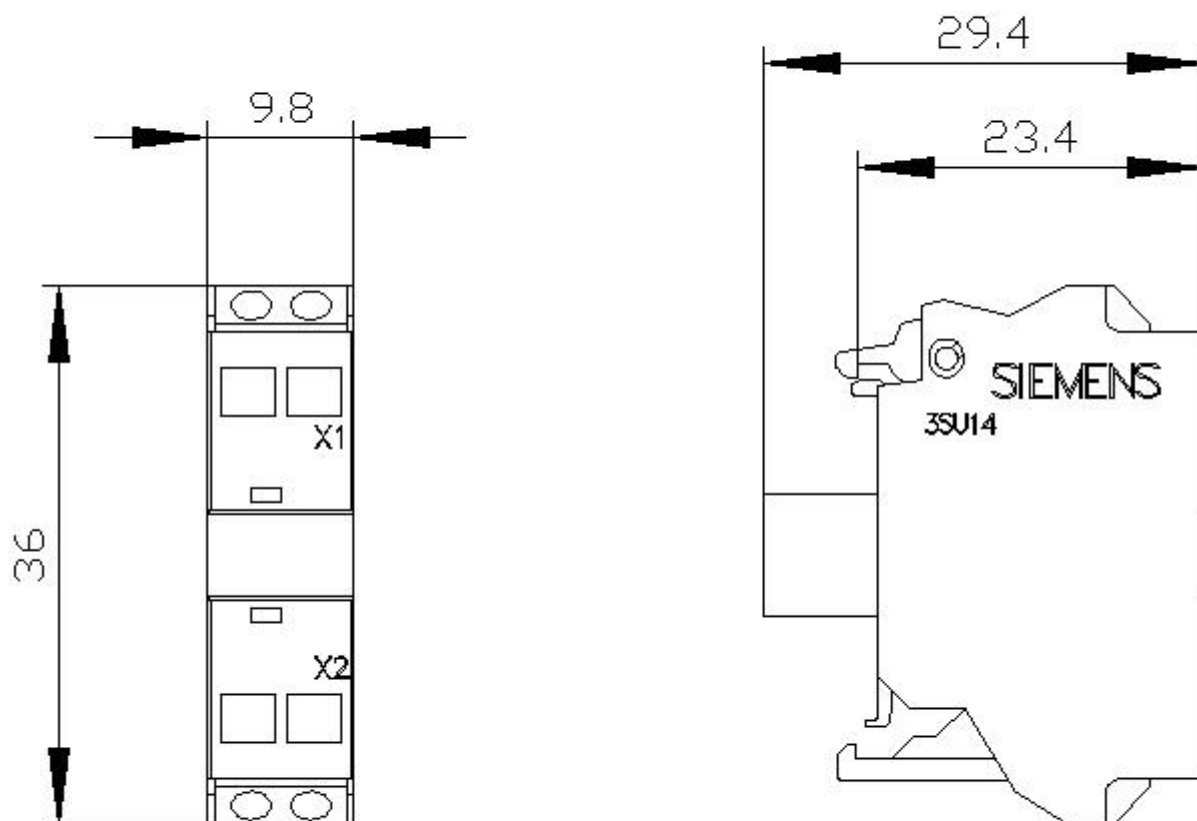
|                                                           |                                                                                                             |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>type of electrical connection</b>                      | spring-loaded terminals                                                                                     |
| <b>type of connectable conductor cross-sections</b>       |                                                                                                             |
| • 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)                                                                                              |
| <b>Lamp</b>                                               |                                                                                                             |
| <b>type of light source</b>                               | LED                                                                                                         |
| <b>color of the light source</b>                          | green                                                                                                       |
| <b>light intensity</b>                                    | 900 ... 1 400 mcd                                                                                           |
| <b>certificate of suitability</b>                         |                                                                                                             |
| • ATEX                                                    | No                                                                                                          |
| • IECEx                                                   | No                                                                                                          |
| <b>Ambient conditions</b>                                 |                                                                                                             |
| <b>ambient temperature</b>                                |                                                                                                             |
| • during operation                                        | -25 ... +70 °C                                                                                              |
| • 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>                 |                                                                                                             |
| <b>fastening method</b>                                   |                                                                                                             |
| • of modules and accessories                              | Front plate mounting                                                                                        |
| <b>height</b>                                             | 36 mm                                                                                                       |
| <b>width</b>                                              | 9.8 mm                                                                                                      |
| <b>depth</b>                                              | 29.4 mm                                                                                                     |
| <b>Certificates/ approvals</b>                            |                                                                                                             |
| General Product Approval                                  |                                                                                                             |
| EMC                                                       |                                                                                                             |
| Test Certificates                                         |                                                                                                             |

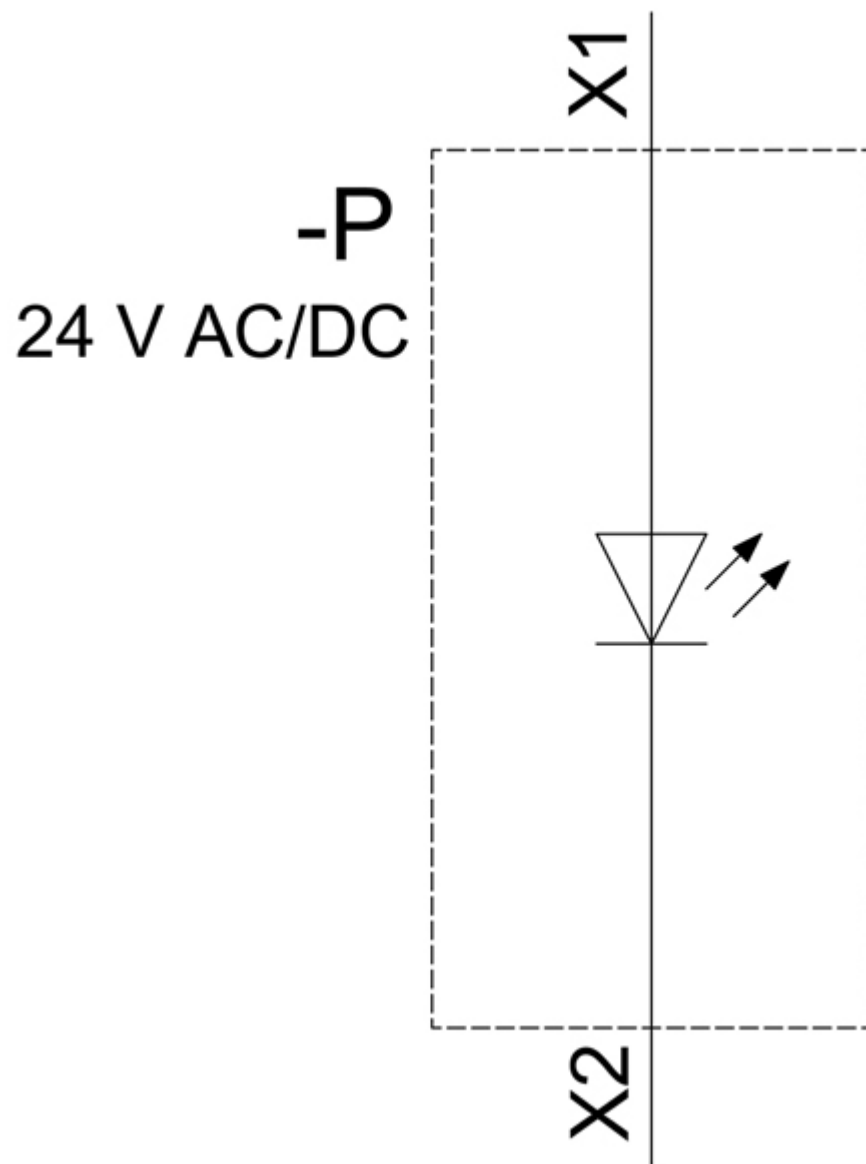


[Type Test Certificates/Test Report](#)

|                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Test Certificates</b>                                                              | <b>Marine / Shipping</b>                                                              |
| <a href="#">Special Test Certificate</a>                                              |                                                                                       |
|    |    |
|    |  |
|  |                                                                                       |
| <b>other</b>                                                                          |                                                                                       |
| <a href="#">Confirmation</a>                                                          |                                                                                       |

|                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Further information</b>                                                                                                                                                                                                                  |
| Information- and Downloadcenter (Catalogs, Brochures,...)<br><a href="https://www.siemens.com/ic10">https://www.siemens.com/ic10</a>                                                                                                        |
| Industry Mall (Online ordering system)<br><a href="https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BB40-3AA0">https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BB40-3AA0</a>           |
| Cax online generator<br><a href="http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1401-1BB40-3AA0">http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&amp;mlfb=3SU1401-1BB40-3AA0</a> |
| Service&Support (Manuals, Certificates, Characteristics, FAQs,...)<br><a href="https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BB40-3AA0">https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BB40-3AA0</a>                 |
| Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)                                                                                                                               |





last modified:

8/6/2021 