



LED module with integrated LED 6-24V AC/DC white, Spring-loaded terminal, for floor 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/DC                            |
| • for actuation   | AC/DC                            |
| <b>surge voltage resistance rated value</b>                 | 4 kV                             |
| consumed current maximum                                    | 30 mA                            |
| protection class IP   |                                  |
| • of the enclosure  | IP40                             |
| • of the terminal   | IP20                             |
| <b>shock resistance</b>                                     |                                  |
| • according to IEC 60068-2-27                               | sinusoidal half-wave 15g / 11 ms |
| • for railway applications according to EN 61373            | Category 1, Class B              |
| <b>vibration resistance</b>                                 |                                  |
| • according to IEC 60068-2-6                                | 10 ... 500 Hz: 5g                |
| • for railway applications according to EN 61373            | Category 1, Class B              |
| <b>operating period typical</b>                             | 100 000 h                        |
| <b>reference code according to IEC 81346-2</b>              | P                                |
| <b>Substance Prohibitance (Date)</b>                        | 10/01/2014                       |
| <b>operating voltage</b>                                    |                                  |
| • at AC   |                                  |
| — at 50 Hz rated value                                      | 6 ... 24 V                       |
| — at 60 Hz rated value                                      | 6 ... 24 V                       |
| • at DC rated value   | 6 ... 24 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>                               | 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)

| Lamp                       |                   |
|----------------------------|-------------------|
| type of light source       | LED               |
| color of the light source  | white             |
| 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       | Floor 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 | Declaration of Conformity |



[Confirmation](#)



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



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



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



[Environmental Conformations](#)

[Confirmation](#)

#### Further information

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

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

Industry Mall (Online ordering system)

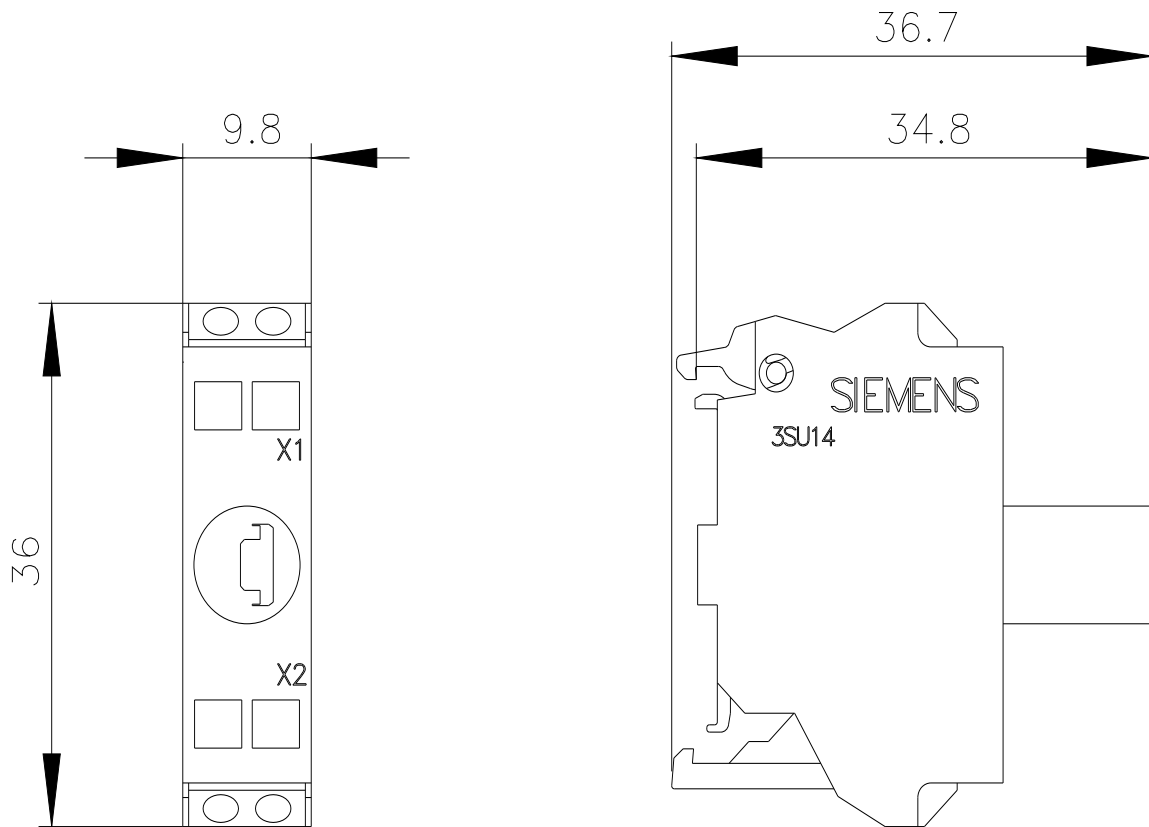
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SU1401-2BG60-3AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1401-2BG60-3AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BG60-3AA0>



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