

LED module with integrated LED 24 V AC/DC, yellow, screw terminal, for floor mounting, Minimum order quantity 5 or a multiple thereof



|                                          |            |
|------------------------------------------|------------|
| Product brand name                       | SIRIUS ACT |
| Product designation                      | LED module |
| Product type designation                 | 3SU1       |
| General technical data                   |            |
| 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      |
| • of the operating voltage for actuation | AC/DC      |
| Surge voltage resistance rated value     | 4 kV       |
| Consumed current                         |            |
| • maximum                                | 25 mA      |
| Protection class IP                      |            |

|                                                                                                                                                                                                  |                                                          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• of the enclosure</li> <li>• of the terminal</li> </ul>                                                                                                  | IP40<br>IP20                                             |
| <b>Shock resistance</b>                                                                                                                                                                          |                                                          |
| <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul>                                                              | Sinusoidal half-wave 50 g / 11 ms<br>Category 1, Class B |
| <b>Vibration resistance</b>                                                                                                                                                                      |                                                          |
| <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul>                                                               | 10 ... 500 Hz: 5g<br>Category 1, Class B                 |
| <b>Operating period typical</b>                                                                                                                                                                  | 100 000 h                                                |
| <b>Reference code acc. to DIN EN 81346-2</b>                                                                                                                                                     | P                                                        |
| <b>Reference code acc. to DIN EN 61346-2</b>                                                                                                                                                     | P                                                        |
| <b>Operating voltage 1</b>                                                                                                                                                                       |                                                          |
| <ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul> </li> <li>• at DC rated value</li> </ul> | 24 V<br>24 V<br>24 V                                     |
| <b>Relative positive tolerance of the operating voltage</b>                                                                                                                                      | 20 %                                                     |
| <b>Relative negative tolerance of the operating voltage</b>                                                                                                                                      | 20 %                                                     |

#### Control circuit/ Control

|                               |     |
|-------------------------------|-----|
| <b>Inrush current maximum</b> | 2 A |
|-------------------------------|-----|

#### Connections/ Terminals

|                                                                                                                                                                                                                                                                         |                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type of electrical connection</b>                                                                                                                                                                                                                                    | screw-type terminals                                                                                                                                                |
| <b>Type of connectable conductor cross-sections</b>                                                                                                                                                                                                                     |                                                                                                                                                                     |
| <ul style="list-style-type: none"> <li>• solid with core end processing</li> <li>• solid without core end processing</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> <li>• at AWG conductors</li> </ul> | 2x (0.5 ... 0.75 mm <sup>2</sup> )<br>2x (1.0 ... 1.5 mm <sup>2</sup> )<br>2x (0.5 ... 1.5 mm <sup>2</sup> )<br>2x (1,0 ... 1,5 mm <sup>2</sup> )<br>2x (18 ... 14) |
| <b>Tightening torque</b>                                                                                                                                                                                                                                                |                                                                                                                                                                     |
| <ul style="list-style-type: none"> <li>• with screw-type terminals</li> </ul>                                                                                                                                                                                           | 0.8 ... 0.9 N·m                                                                                                                                                     |

#### Lamp

|                                                                           |                   |
|---------------------------------------------------------------------------|-------------------|
| <b>Type of light source</b>                                               | LED               |
| <b>Color of the light source</b>                                          | yellow            |
| <b>Light intensity</b>                                                    | 900 ... 1 400 mcd |
| <b>Certificate of suitability</b>                                         |                   |
| <ul style="list-style-type: none"> <li>• ATEX</li> <li>• IECEx</li> </ul> | No<br>No          |

#### Ambient conditions

|                                                                                                |                                  |
|------------------------------------------------------------------------------------------------|----------------------------------|
| <b>Ambient temperature</b>                                                                     |                                  |
| <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul> | -25 ... +70 °C<br>-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) |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|

#### Installation/ mounting/ dimensions

|                              |                |
|------------------------------|----------------|
| <b>Mounting type</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        |

#### Certificates/ approvals

| General Product Approval                                                          |                                                                                   |                                                                                   | EMC                                                                               | Declaration of Conformity                                                           |                                                                                     |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| CCC                                                                               | CSA                                                                               | UL                                                                                |                                                                                   | RCM                                                                                 | EG-Konf.                                                                            |

| Declaration of Conformity     | Test Certificates                        | Marine / Shipping                                  |                                                                                    |                                                                                      |                                                                                      |
|-------------------------------|------------------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <a href="#">Miscellaneous</a> | <a href="#">Special Test Certificate</a> | <a href="#">Type Test Certificates/Test Report</a> |  |  |  |
|                               |                                          |                                                    | ABS                                                                                | LRS                                                                                  | PRS                                                                                  |

| Marine / Shipping                                                                   | other                        |
|-------------------------------------------------------------------------------------|------------------------------|
|  | <a href="#">Confirmation</a> |
|  |                              |
| RINA                                                                                |                              |
| RMRS                                                                                |                              |

#### Further information

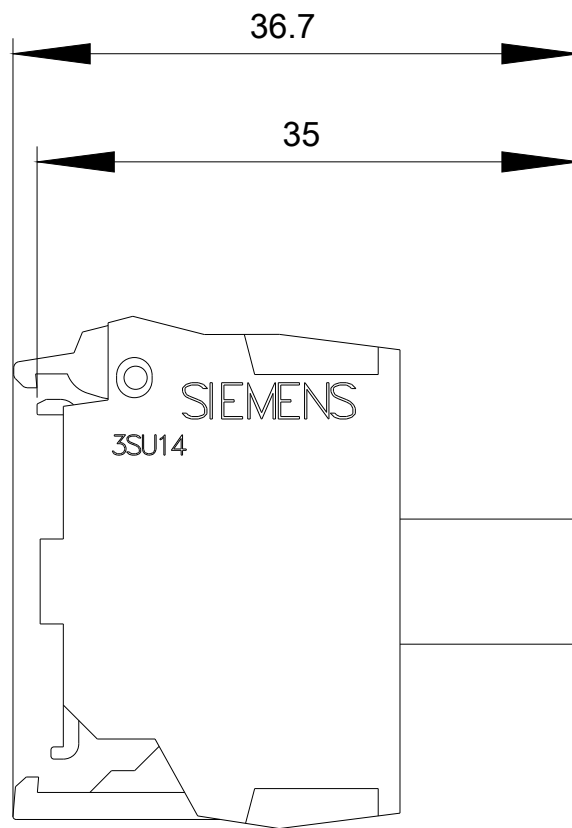
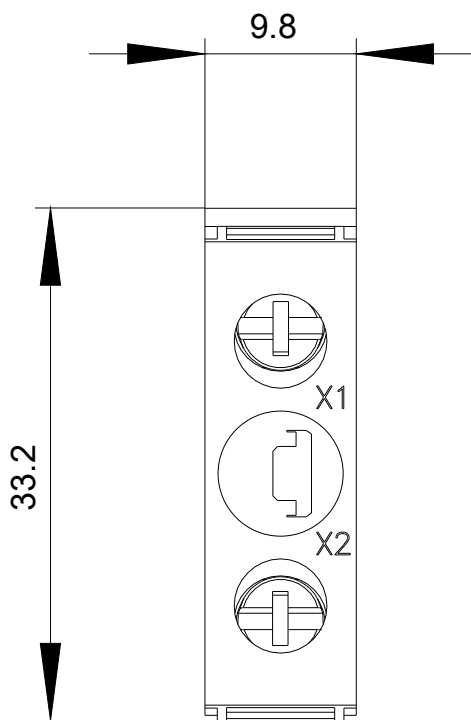
**Information- and Downloadcenter (Catalogs, Brochures,...)**  
<https://www.siemens.com/ic10>

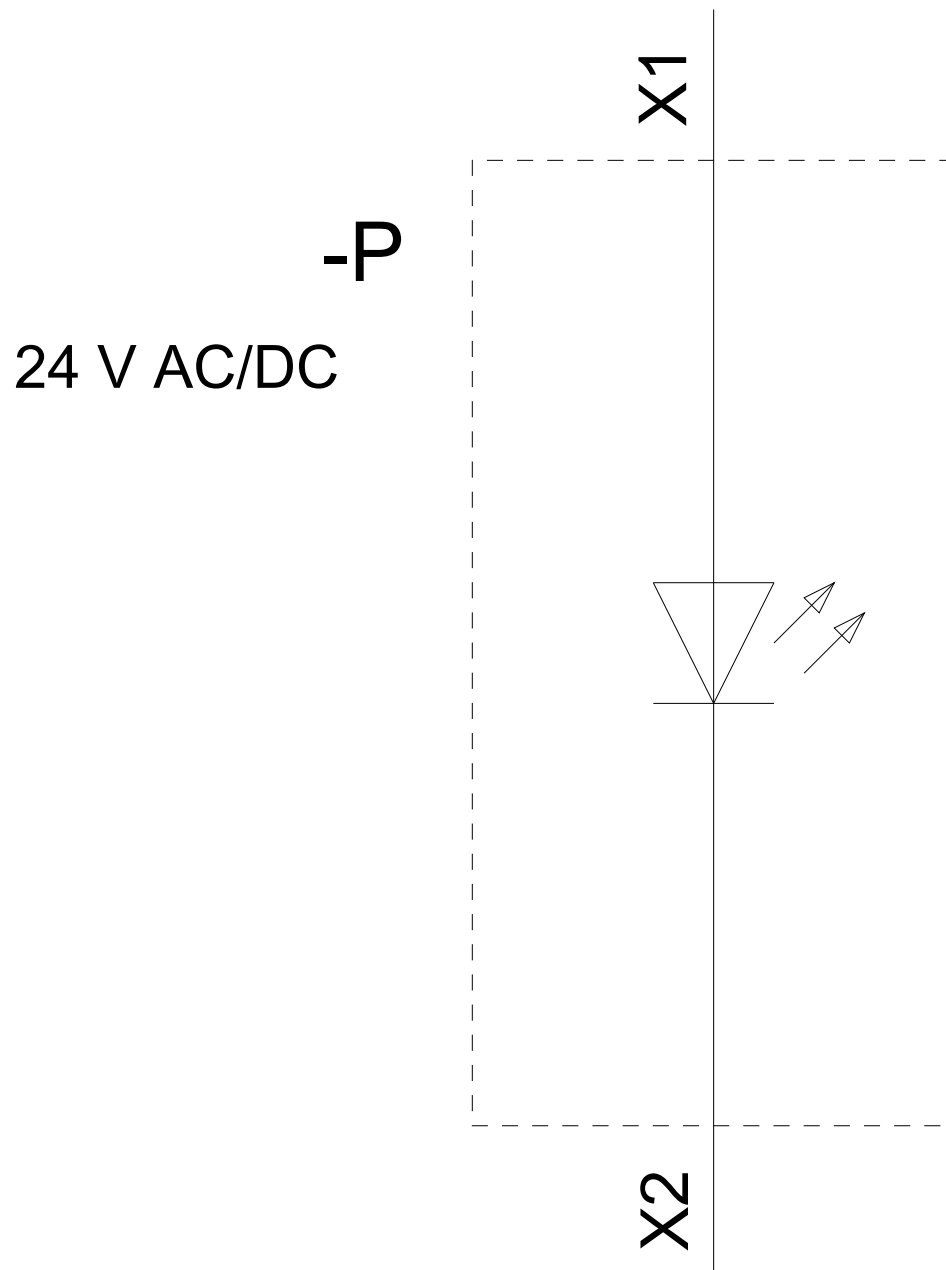
**Industry Mall (Online ordering system)**  
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-2BB30-1AA0>

**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BB30-1AA0>

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BB30-1AA0>

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-2BB30-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BB30-1AA0&lang=en)





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