

Siemens  
EcoTech



LED module with integrated LED 24 V AC/DC, yellow, Spring-loaded 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                                                                                                           |
| • 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                                     |                                                                                                                 |
| • 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 Prohibitance (Date)                        | 10/01/2014                                                                                                      |
| SVHC substance name                                  | Lead monoxide (lead oxide) - 1317-36-8<br>2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 |
| Net Weight                                           | 8 g                                                                                                             |
| 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 | 20 %                                                                                                            |

|                                                                              |                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| relative negative tolerance of the operating voltage                         | 20 %                                                                                                                                                                                                                                                                                                                                          |
| <b>Control circuit/ Control</b>                                              |                                                                                                                                                                                                                                                                                                                                               |
| inrush current maximum                                                       | 2 A                                                                                                                                                                                                                                                                                                                                           |
| <b>Connections/ Terminals</b>                                                |                                                                                                                                                                                                                                                                                                                                               |
| type of electrical connection                                                | spring-loaded terminals                                                                                                                                                                                                                                                                                                                       |
| type of connectable conductor cross-sections                                 | <ul style="list-style-type: none"> <li>• solid without core end processing 2x (0.25 ... 1.5 mm<sup>2</sup>)</li> <li>• finely stranded with core end processing 2x (0.25 ... 0.75 mm<sup>2</sup>)</li> <li>• finely stranded without core end processing 2x (0.25 ... 1.5 mm<sup>2</sup>)</li> <li>• for AWG cables 2x (24 ... 16)</li> </ul> |
| connectable conductor cross-section finely stranded with core end processing | 0.25 ... 0.75 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                 |
| <b>Lamp</b>                                                                  |                                                                                                                                                                                                                                                                                                                                               |
| type of light source                                                         | LED                                                                                                                                                                                                                                                                                                                                           |
| color of the light source                                                    | yellow                                                                                                                                                                                                                                                                                                                                        |
| light intensity                                                              | 900 ... 1 400 mcd                                                                                                                                                                                                                                                                                                                             |
| <b>ATEX</b>                                                                  |                                                                                                                                                                                                                                                                                                                                               |
| certificate of suitability                                                   |                                                                                                                                                                                                                                                                                                                                               |
| • ATEX                                                                       | No                                                                                                                                                                                                                                                                                                                                            |
| • IECEx                                                                      | No                                                                                                                                                                                                                                                                                                                                            |
| <b>Ambient conditions</b>                                                    |                                                                                                                                                                                                                                                                                                                                               |
| 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)                                                                                                                                                                                                                                    |
| <b>Installation/ mounting/ dimensions</b>                                    |                                                                                                                                                                                                                                                                                                                                               |
| fastening method                                                             |                                                                                                                                                                                                                                                                                                                                               |
| • of modules and accessories                                                 | Floor mounting                                                                                                                                                                                                                                                                                                                                |
| height                                                                       | 36 mm                                                                                                                                                                                                                                                                                                                                         |
| width                                                                        | 9.8 mm                                                                                                                                                                                                                                                                                                                                        |
| depth                                                                        | 29.4 mm                                                                                                                                                                                                                                                                                                                                       |
| <b>Approvals Certificates</b>                                                |                                                                                                                                                                                                                                                                                                                                               |
| Environmental Product Declaration                                            |                                                                                                                                                                                                                                                                                                                                               |
| • global warming potential [CO2 eq] / during manufacturing                   | 0.566 kg                                                                                                                                                                                                                                                                                                                                      |
| • global warming potential [CO2 eq] / during operation                       | 0.235 kg                                                                                                                                                                                                                                                                                                                                      |
| • global warming potential [CO2 eq] / after end of life                      | -0.0145 kg                                                                                                                                                                                                                                                                                                                                    |
| • global warming potential [CO2 eq] / total                                  | 0.787 kg                                                                                                                                                                                                                                                                                                                                      |
| Environment                                                                  | General Product Approval                                                                                                                                                                                                                                                                                                                      |



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[Environmental Con-  
firmations](#)



|                               |     |                   |                      |
|-------------------------------|-----|-------------------|----------------------|
| General Product Ap-<br>proval | EMV | Test Certificates | Maritime application |
|-------------------------------|-----|-------------------|----------------------|



[Special Test Certi-  
cate](#)

[Type Test Certifi-  
cates/Test Report](#)



|                      |       |
|----------------------|-------|
| Maritime application | other |
|----------------------|-------|



[Confirmation](#)

## Further information

### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

### 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=3SU1401-2BB30-3AA0>

### Cax online generator

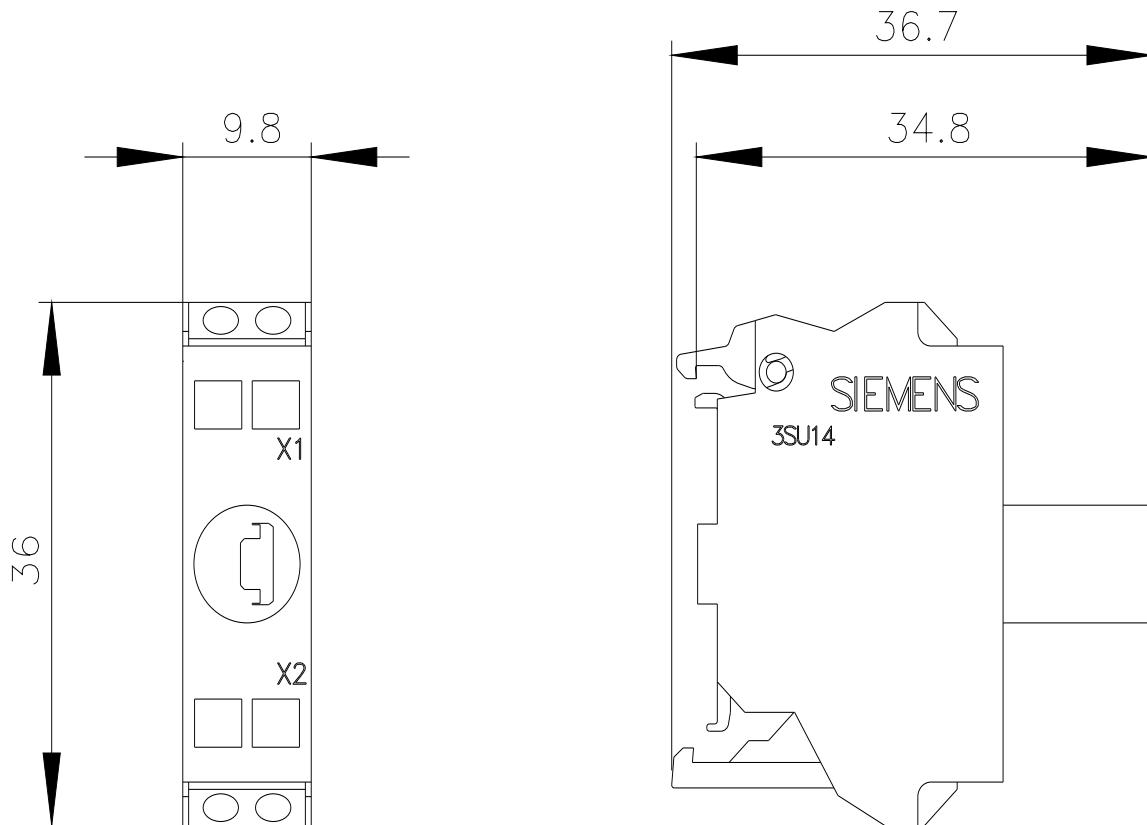
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BB30-3AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BB30-3AA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-2BB30-3AA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BB30-3AA0&lang=en)





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