



LED module with integrated LED 24 V AC/DC, amber, screw 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 |
| 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 |
| 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 % |
| Control circuit/ Control | |
| inrush current maximum | 2 A |
| Connections/ Terminals | |
| type of electrical connection | screw-type terminals |
| type of connectable conductor cross-sections | |

| | |
|---|---|
| <ul style="list-style-type: none"> • solid with core end processing • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables | 2x (0.5 ... 0.75 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1,0 ... 1,5 mm ²) 2x (18 ... 14) |
| tightening torque with screw-type terminals | 0.8 ... 0.9 N·m |

| Lamp | |
|---|-------------------|
| type of light source | LED |
| color of the light source | amber |
| light intensity | 450 ... 1 120 mcd |
| certificate of suitability | |
| <ul style="list-style-type: none"> • ATEX • IECEx | No No |

| Ambient conditions | |
|--|--|
| ambient temperature | |
| <ul style="list-style-type: none"> • during operation • during storage | -25 ... +70 °C -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 | |
| <ul style="list-style-type: none"> • of modules and accessories | Front plate mounting |
| height | 33.2 mm |
| width | 9.8 mm |
| depth | 29.4 mm |
| suitability for integration | |
| <ul style="list-style-type: none"> • plastic enclosure • metal enclosure | Yes Yes |

| Certificates/ approvals | | |
|--------------------------|---------------------------|-------------------|
| General Product Approval | Declaration of Conformity | Test Certificates |

[Confirmation](#)



[Special Test Certificate](#)

| Test Certificates | Marine / Shipping |
|-------------------|-------------------|
|-------------------|-------------------|

[Type Test Certificates/Test Report](#)



| other |
|-------|
|-------|

[Confirmation](#)

[Environmental Confirmations](#)

| Further information |
|---------------------|
|---------------------|

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

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

Industry Mall (Online ordering system)

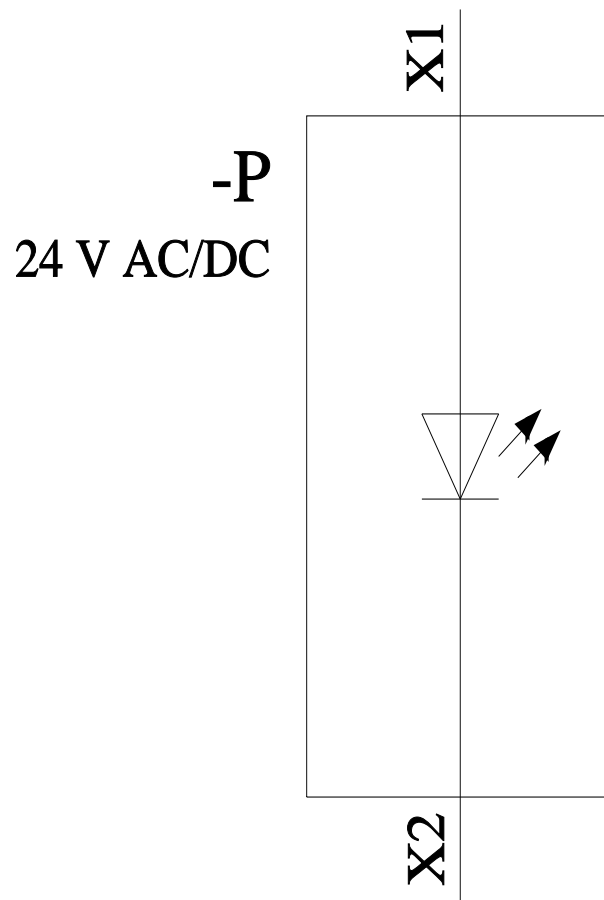
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SU1401-1BB00-1AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1401-1BB00-1AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BB00-1AA0>



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