



LED module with integrated LED 6-24V AC/DC blue, screw terminal, for front plate mounting

| | |
|--|---|
| product brand name | SIRIUS ACT |
| product designation | LED module |
| product type designation | 3SU1 |
| General technical data | |
| product component | |
| <ul style="list-style-type: none"> • diode • lamp transformer • light source • series resistor | <ul style="list-style-type: none"> Yes No Yes No |
| insulation voltage rated value | 320 V |
| degree of pollution | 3 |
| type of voltage of the operating voltage | AC/DC |
| <ul style="list-style-type: none"> • for actuation | AC/DC |
| surge voltage resistance rated value | 4 kV |
| consumed current maximum | 30 mA |
| protection class IP | |
| <ul style="list-style-type: none"> • of the enclosure • of the terminal | <ul style="list-style-type: none"> IP40 IP20 |
| shock resistance | |
| <ul style="list-style-type: none"> • according to IEC 60068-2-27 • for railway applications according to EN 61373 | <ul style="list-style-type: none"> sinusoidal half-wave 15g / 11 ms Category 1, Class B |
| vibration resistance | |
| <ul style="list-style-type: none"> • according to IEC 60068-2-6 • for railway applications according to EN 61373 | <ul style="list-style-type: none"> 10 ... 500 Hz: 5g 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 | |
| <ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — at 50 Hz rated value — at 60 Hz rated value • at DC rated value | <ul style="list-style-type: none"> 6 ... 24 V 6 ... 24 V 6 ... 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 | blue |
| light intensity | 280 ... 710 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 | EMC | Declaration of Conformity |



[Confirmation](#)



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



EG-Konf.

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



ABS



URS



PRS

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



RINA



RMRS

[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?mlfb=3SU1401-1BG50-1AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BG50-1AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BG50-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1401-1BG50-1AA0&lang=en

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