



LED module with integrated LED 110 V AC, amber, spring-type terminal, for front plate mounting

product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1

### General technical data

<b>product component</b>	
<ul style="list-style-type: none"> <li>• diode</li> <li>• lamp transformer</li> <li>• light source</li> <li>• series resistor</li> </ul>	<p>Yes</p> <p>No</p> <p>Yes</p> <p>No</p>
<b>insulation voltage rated value</b>	320 V
<b>degree of pollution</b>	3
type of voltage of the operating voltage	AC
<ul style="list-style-type: none"> <li>• for actuation</li> </ul>	AC
<b>surge voltage resistance rated value</b>	4 kV
consumed current maximum	20 mA
protection class IP	
<ul style="list-style-type: none"> <li>• of the enclosure</li> <li>• of the terminal</li> </ul>	<p>IP40</p> <p>IP20</p>
<b>shock resistance</b>	
<ul style="list-style-type: none"> <li>• according to IEC 60068-2-27</li> <li>• for railway applications according to EN 61373</li> </ul>	<p>sinusoidal half-wave 15g / 11 ms</p> <p>Category 1, Class B</p>
<b>vibration resistance</b>	
<ul style="list-style-type: none"> <li>• according to IEC 60068-2-6</li> <li>• for railway applications according to EN 61373</li> </ul>	<p>10 ... 500 Hz: 5g</p> <p>Category 1, Class B</p>
<b>operating period typical</b>	100 000 h
<b>reference code according to IEC 81346-2</b>	P
<b>Substance Prohibition (Date)</b>	10/01/2014
<b>operating voltage 1</b>	
<ul style="list-style-type: none"> <li>• at AC</li> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul>	<p>110 V</p> <p>110 V</p>
<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>	3 A
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### Connections/ Terminals

<b>type of electrical connection</b>	spring-loaded terminals
<b>type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>• solid without core end processing</li> <li>• finely stranded with core end processing</li> <li>• finely stranded without core end processing</li> </ul>	<p>2x (0.25 ... 1.5 mm<sup>2</sup>)</p> <p>2x (0.25 ... 0.75 mm<sup>2</sup>)</p> <p>2x (0.25 ... 1.5 mm<sup>2</sup>)</p>

- at AWG cables

2x (24 ... 16)

### Lamp

type of light source	LED
color of the light source	amber
light intensity	450 ... 1 120 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	Front plate 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

#### Declaration of Conformity



[Confirmation](#)



#### Test Certificates

#### Marine / Shipping

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



#### Marine / Shipping

#### other



[Environmental Confirmations](#)

[Confirmation](#)

### Further information

#### Information on the packaging

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

#### 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=3SU1401-1BC00-3AA0>

#### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BC00-3AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BC00-3AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1BC00-3AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BC00-3AA0&lang=en)



