

LED module with integrated LED, 24-240 V AC/DC, white, spring-type terminal, for front plate mounting



Figure similar

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

General technical data	
Product component	
<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>
Insulation voltage	
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	320 V
Degree of pollution	3
Type of voltage	
<ul style="list-style-type: none"> <li>• of the operating voltage</li> <li>• for actuation</li> </ul>	<p>AC/DC</p> <p>AC/DC</p>
Surge voltage resistance rated value	4 kV
Consumed current	

<ul style="list-style-type: none"> <li>• maximum</li> </ul>	20 mA
<b>Protection class IP</b>	
<ul style="list-style-type: none"> <li>• of the enclosure</li> </ul>	IP40
<ul style="list-style-type: none"> <li>• of the terminal</li> </ul>	IP20
<b>Shock resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> </ul>	Sinusoidal half-wave 50 g / 11 ms
<ul style="list-style-type: none"> <li>• for railway applications acc. to DIN EN 61373</li> </ul>	Category 1, Class B
<b>Vibration resistance</b>	
<ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-6</li> </ul>	10 ... 500 Hz: 5g
<ul style="list-style-type: none"> <li>• for railway applications acc. to DIN EN 61373</li> </ul>	Category 1, Class B
<b>Operating period typical</b>	100 000 h
<b>Operating voltage</b>	
<ul style="list-style-type: none"> <li>• at AC</li> </ul>	
<ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> </ul>	24 ... 240 V
<ul style="list-style-type: none"> <li>— at 60 Hz rated value</li> </ul>	24 ... 240 V
<ul style="list-style-type: none"> <li>• at DC</li> </ul>	
<ul style="list-style-type: none"> <li>— rated value</li> </ul>	24 ... 240 V
<b>Relative positive tolerance of the operating voltage</b>	20 %
<b>Relative negative tolerance of the operating voltage</b>	30 %

#### 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> </ul>	2x (0.25 ... 1.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>	2x (0.25 ... 0.75 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• finely stranded without core end processing</li> </ul>	2x (0.25 ... 1.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• at AWG conductors</li> </ul>	2x (24 ... 16)

#### Lamp

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

#### Ambient conditions

<b>Ambient temperature</b>	
<ul style="list-style-type: none"> <li>• during operation</li> </ul>	-25 ... +70 °C
<ul style="list-style-type: none"> <li>• during storage</li> </ul>	-40 ... +80 °C
Environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted)



## Installation/ mounting/ dimensions

<b>Mounting type</b>	Front plate mounting
• of modules and accessories	
<b>Height</b>	36 mm
<b>Width</b>	9.8 mm
<b>Depth</b>	29.4 mm

## Certificates/approvals

General Product Approval	EMC	Declaration of Conformity
 CCC	 EAC	 EG-Konf.
 CSA	 UL	 C-Tick

Test Certificates	Marine / Shipping
<a href="#">Special Test Certificate</a>	 ABS
<a href="#">Type Test Certificates/Test Report</a>	 LRS
	 PRS
	 RINA

Marine / Shipping	other
 RMRS	<a href="#">Confirmation</a>
 DNV-GL	

## Further information

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

<http://www.siemens.com/industrial-controls/catalogs>

### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BH60-3AA0>

### Cax online generator

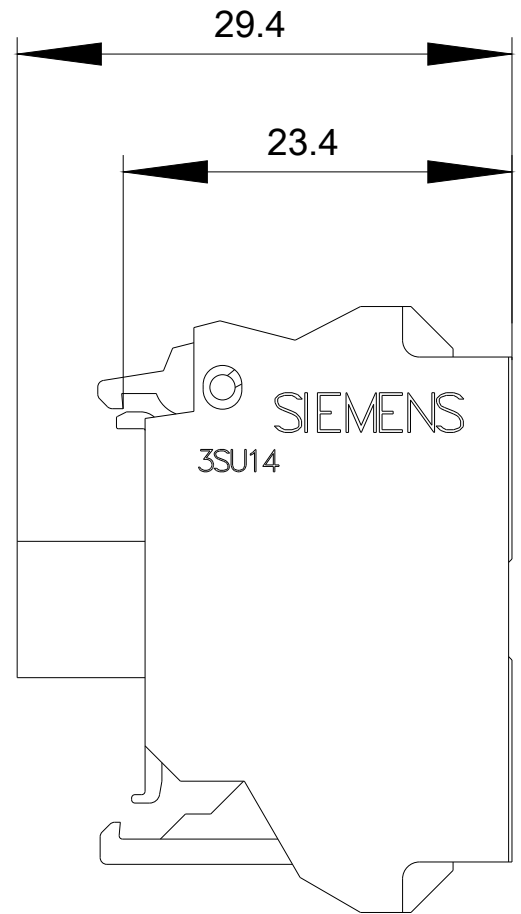
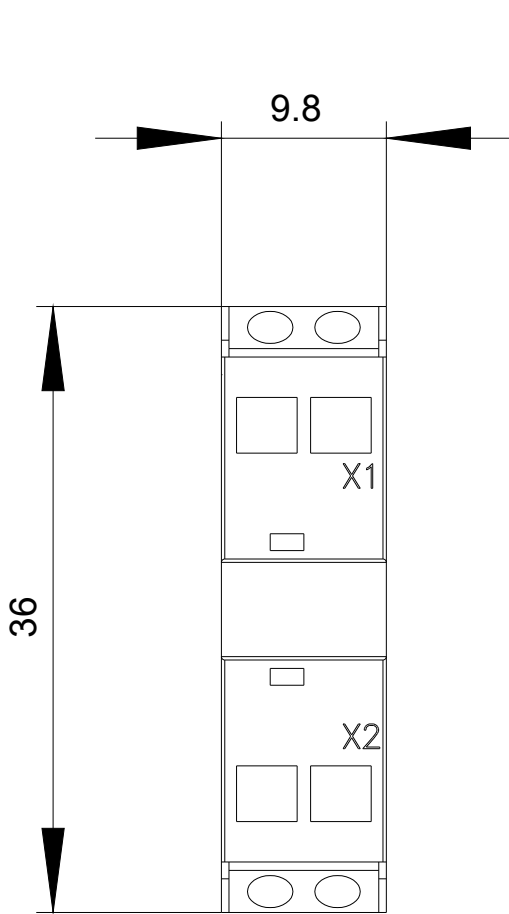
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BH60-3AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BH60-3AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1BH60-3AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BH60-3AA0&lang=en)



24-240 V AC/DC

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