

LED module with integrated LED 110 V AC, red, 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>	<ul style="list-style-type: none"> <li>Yes</li> <li>No</li> <li>Yes</li> <li>No</li> </ul>
<b>Insulation voltage</b>	
<ul style="list-style-type: none"> <li>• rated value</li> </ul>	320 V
<b>Degree of pollution</b>	3
<b>Type of voltage</b>	
<ul style="list-style-type: none"> <li>• of the operating voltage</li> <li>• for actuation</li> </ul>	<ul style="list-style-type: none"> <li>AC</li> <li>AC</li> </ul>
<b>Surge voltage resistance rated value</b>	4 kV
<b>Consumed current</b>	
<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> <li>• of the terminal</li> </ul>	<p>IP40</p> <p>IP20</p>
<b>Shock resistance</b> <ul style="list-style-type: none"> <li>• acc. to IEC 60068-2-27</li> <li>• for railway applications acc. to DIN EN 61373</li> </ul>	<p>Sinusoidal half-wave 50 g / 11 ms</p> <p>Category 1, Class B</p>
<b>Operating period typical</b>	100 000 h
<b>Reference code acc. to DIN EN 81346-2</b>	P
<b>Reference code acc. to DIN EN 61346-2</b>	P
<b>Operating voltage 1</b> <ul style="list-style-type: none"> <li>• at AC <ul style="list-style-type: none"> <li>— at 50 Hz rated value</li> <li>— at 60 Hz rated value</li> </ul> </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 %

<b>Control circuit/ Control</b>	
<b>Inrush current maximum</b>	3 A

<b>Connections/Terminals</b>	
<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> <li>• at AWG conductors</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> <p>2x (24 ... 16)</p>

<b>Lamp</b>	
<b>Type of light source</b>	LED
<b>Color of the light source</b>	red
<b>Light intensity</b>	450 ... 1 120 mcd
<b>Certificate of suitability</b> <ul style="list-style-type: none"> <li>• ATEX</li> <li>• IECEx</li> </ul>	<p>No</p> <p>No</p>

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

<b>Installation/ mounting/ dimensions</b>	
<b>Mounting type</b> <ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	Front plate mounting
<b>Height</b>	36 mm

Width	9.8 mm
Depth	29.4 mm

### Certificates/approvals

General Product Approval	EMC	Declaration of Conformity
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Declaration of Conformity	Test Certificates	Marine / Shipping
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[Miscellaneous](#)

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



Marine / Shipping	other
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[Confirmation](#)

### 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=3SU1401-1BC20-3AA0>

**Cax online generator**

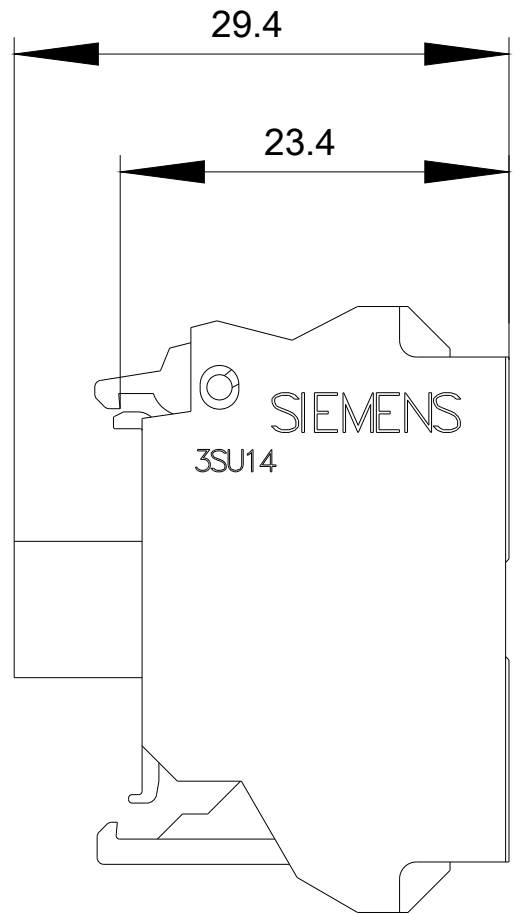
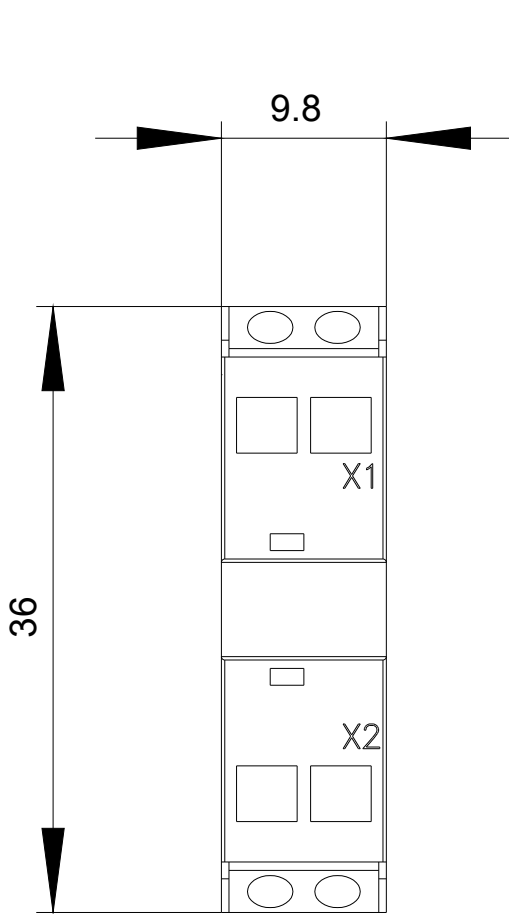
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BC20-3AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BC20-3AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1BC20-3AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BC20-3AA0&lang=en)



110 V AC  
-P



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09/12/2019