

LED MODULE WITH INTEGRATED LED 230V AC, BLUE, SCREW  
TERMINAL, FOR FRONT PLATE MOUNTING



Figure similar

product brandname	SIRIUS ACT
Product designation	LED module
Product type designation	3SU1

General technical data	
<b>Product component</b>	
• diode	Yes
• lamp transformer	No
• Light source	Yes
• series resistor	No
<b>Insulation voltage</b>	
• rated value	320 V
<b>Degree of pollution</b>	3
<b>Type of voltage</b>	
• of the operating voltage	AC
• for actuation	AC
<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> </ul>	IP40
<ul style="list-style-type: none"> <li>• of the terminal</li> </ul>	IP20
<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>Equipment marking</b>	
<ul style="list-style-type: none"> <li>• acc. to DIN EN 61346-2</li> </ul>	P
<ul style="list-style-type: none"> <li>• acc. to DIN EN 81346-2</li> </ul>	P

<b>Main circuit</b>	
<b>Operating voltage 1</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>	230 V
<ul style="list-style-type: none"> <li>— at 60 Hz rated value</li> </ul>	230 V
<b>Relative positive tolerance of the operating voltage</b>	20 %
<b>Relative negative tolerance of the operating voltage</b>	20 %

<b>Connections/Terminals</b>	
<b>Type of electrical connection</b>	screw-type terminals
<b>Type of connectable conductor cross-sections</b>	
<ul style="list-style-type: none"> <li>• solid with core end processing</li> </ul>	2x (0.5 ... 0.75 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• solid without core end processing</li> </ul>	2x (1.0 ... 1.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>	2x (0.5 ... 1.5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• finely stranded without core end processing</li> </ul>	2x (1,0 ... 1,5 mm <sup>2</sup> )
<ul style="list-style-type: none"> <li>• at AWG conductors</li> </ul>	2x (18 ... 14)
<b>Tightening torque</b>	
<ul style="list-style-type: none"> <li>• with screw-type terminals</li> </ul>	0.8 ... 0.9 N·m

<b>Lamp</b>	
<b>Type of light source</b>	LED
<b>Color of the light source</b>	blue
<b>Light intensity</b>	280 ... 710 mcd

<b>Ambient conditions</b>	
<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)

<b>Installation/ mounting/ dimensions</b>	
<b>Mounting type</b>	

• of modules and accessories

Front plate mounting

Height	33.2 mm
Width	9.8 mm
Depth	29.4 mm

#### Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CCC	 EAC	 EG-Konf.
 CSA		 UL
		<a href="#">Werksbescheinigung</a>

Test Certificates	other
<a href="#">spezielle Prüfbescheinigungen</a>	<a href="#">Bestätigungen</a>

#### 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=3SU1401-1BF50-1AA0>

**Cax online generator**

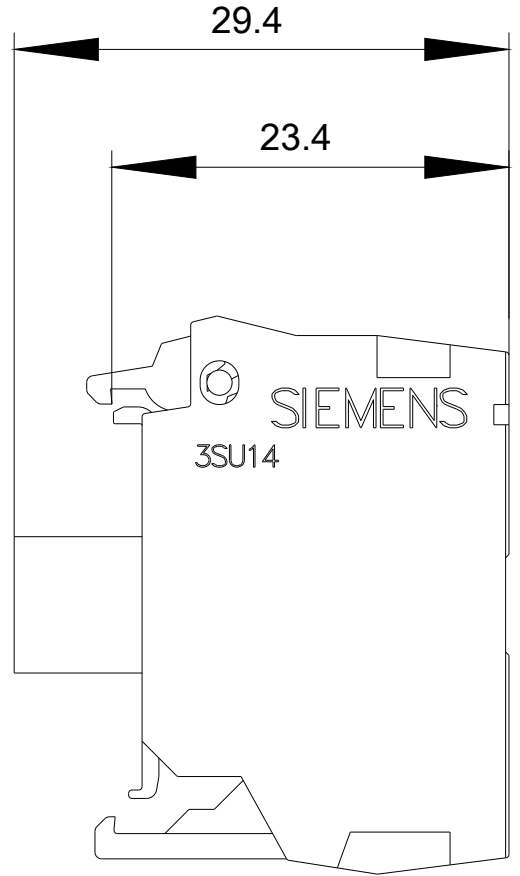
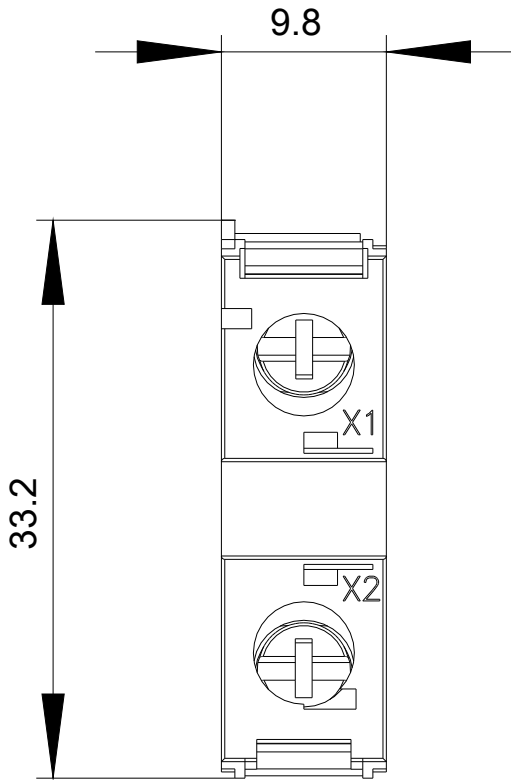
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BF50-1AA0>

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

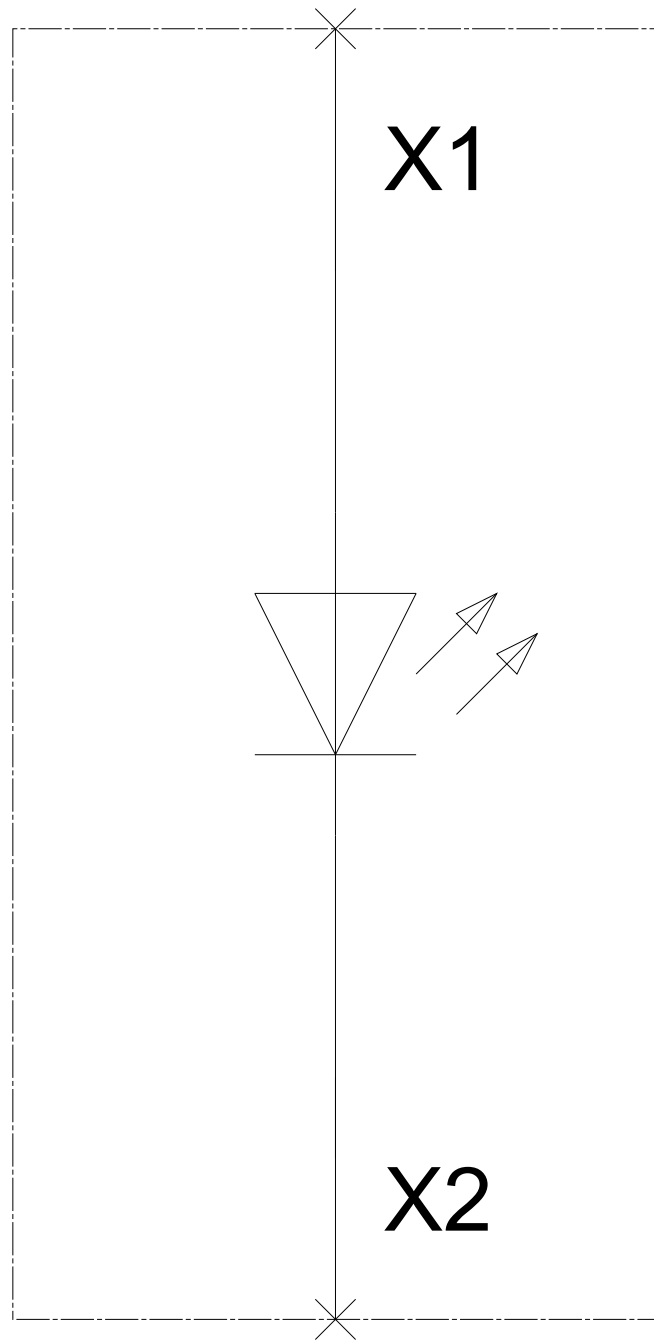
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BF50-1AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1BF50-1AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BF50-1AA0&lang=en)



**-P**  
**230 V AC**



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