



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

product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
<b>General technical data</b>	
product component	
• diode	Yes
• lamp transformer	No
• light source	Yes
• series resistor	No
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
• for actuation	AC/DC
surge voltage resistance rated value	4 kV
consumed current maximum	30 mA
protection class IP	
• of the enclosure	IP40
• of the terminal	IP20
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
operating period typical	100 000 h
reference code according to IEC 81346-2	P
Substance Prohibition (Date)	10/01/2014
operating voltage	
• at AC	
— at 50 Hz rated value	6 ... 24 V
— at 60 Hz rated value	6 ... 24 V
• at DC rated value	6 ... 24 V
relative positive tolerance of the operating voltage	20 %
relative negative tolerance of the operating voltage	20 %
<b>Control circuit/ Control</b>	
inrush current maximum	2 A
<b>Connections/ Terminals</b>	
type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm <sup>2</sup> )

<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>• for AWG cables</li> </ul>	2x (1.0 ... 1.5 mm <sup>2</sup> ) 2x (0.5 ... 1.5 mm <sup>2</sup> ) 2x (1.0 ... 1.5 mm <sup>2</sup> ) 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	amber
light intensity	450 ... 1 120 mcd
certificate of suitability	
<ul style="list-style-type: none"> <li>• ATEX</li> <li>• IECEx</li> </ul>	No No

Ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	-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"> <li>• of modules and accessories</li> </ul>	Front plate mounting
height	33.2 mm
width	9.8 mm
depth	29.4 mm
suitability for integration	
<ul style="list-style-type: none"> <li>• plastic enclosure</li> <li>• metal enclosure</li> </ul>	Yes Yes

Certificates/ approvals		
General Product Approval	Declaration of Conformity	Test Certificates

[Confirmation](#)



[Special Test Certificate](#)

Test Certificates	Marine / Shipping	other
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[Type Test Certificates/Test Report](#)



[Confirmation](#)

## Environment

[Environmental Confirmations](#)

## Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

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

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

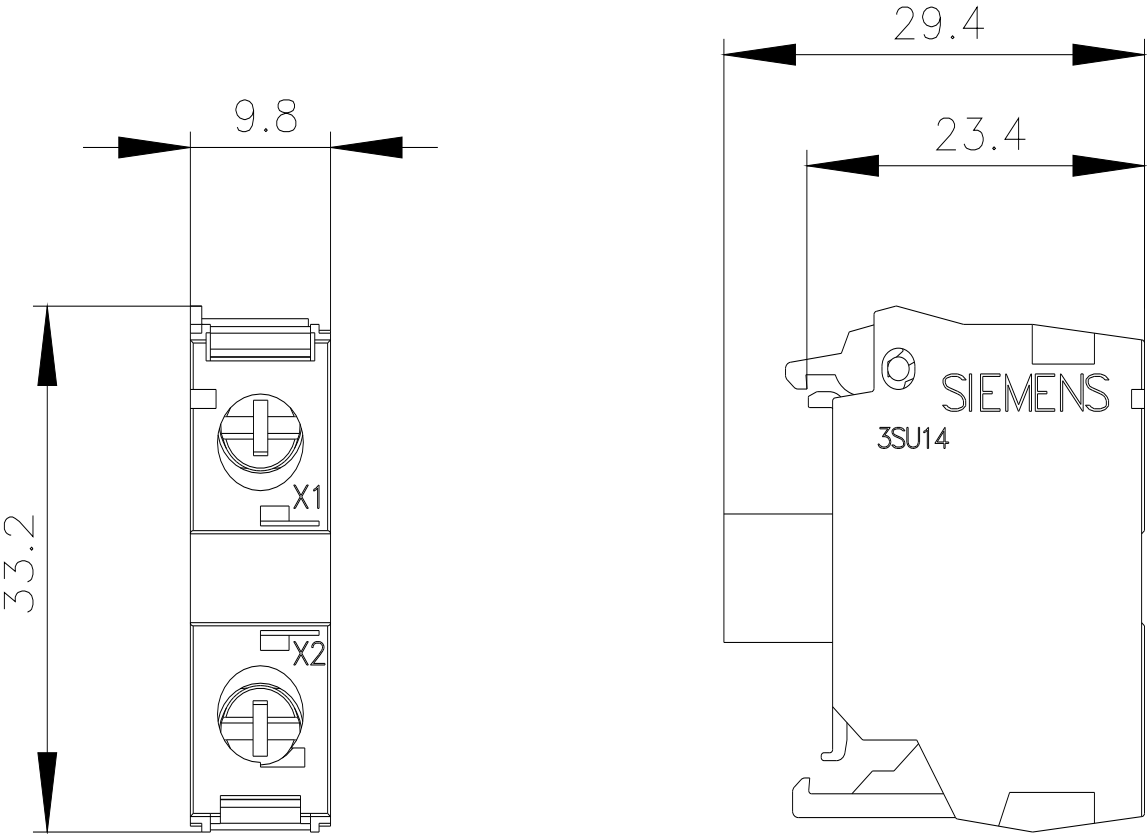
<https://www.siemens.com/ic10>

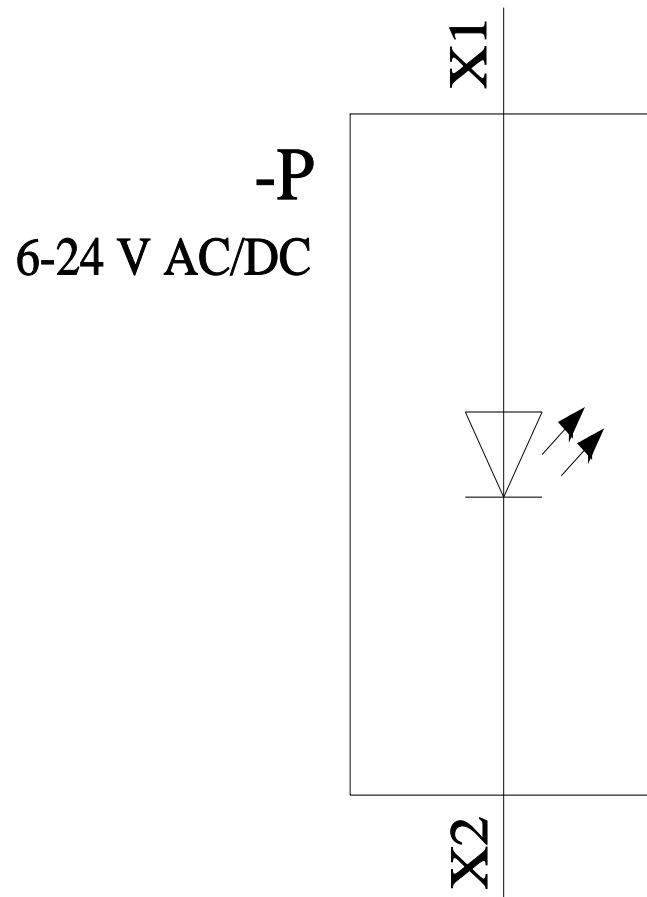
Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BG00-1AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BG00-1AA0>





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last modified:

3/9/2022 

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