



LED module with integrated LED, 24-240 V AC/DC, green, screw terminal, for front plate mounting

<b>product brand name</b>	SIRIUS ACT
<b>product designation</b>	LED module
<b>product type designation</b>	3SU1
<b>General technical data</b>	
<b>product component</b>	
• diode	Yes
• lamp transformer	No
• light source	Yes
• series resistor	No
insulation voltage rated value	320 V
<b>degree of pollution</b>	3
type of voltage of the operating voltage	AC/DC
• for actuation	AC/DC
<b>surge voltage resistance rated value</b>	4 kV
consumed current maximum	20 mA
protection class IP	
• of the enclosure	IP40
• of the terminal	IP20
<b>shock resistance</b>	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>vibration resistance</b>	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
<b>operating period typical</b>	100 000 h
<b>reference code acc. to IEC 81346-2</b>	P
Substance Prohibitance (Date)	01.10.2014 00:00:00
<b>operating voltage</b>	
• at AC	
— at 50 Hz rated value	24 ... 240 V
— at 60 Hz rated value	24 ... 240 V
• at DC rated value	24 ... 240 V
<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>	screw-type terminals
<b>type of connectable conductor cross-sections</b>	
• solid with core end processing	2x (0.5 ... 0.75 mm <sup>2</sup> )
• solid without core end processing	2x (1.0 ... 1.5 mm <sup>2</sup> )
• finely stranded with core end processing	2x (0.5 ... 1.5 mm <sup>2</sup> )
• finely stranded without core end processing	2x (1.0 ... 1.5 mm <sup>2</sup> )
• at AWG cables	2x (18 ... 14)
tightening torque with screw-type terminals	0.8 ... 0.9 N·m

<b>Lamp</b>	
<b>type of light source</b>	LED
<b>color of the light source</b>	green
<b>light intensity</b>	900 ... 1 400 mcd
<b>certificate of suitability</b>	
• ATEX	No
• IECEx	No

<b>Ambient conditions</b>	
<b>ambient temperature</b>	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C
environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted)

<b>Installation/ mounting/ dimensions</b>	
<b>fastening method</b>	
• of modules and accessories	Front plate mounting
<b>height</b>	33.2 mm
<b>width</b>	9.8 mm
<b>depth</b>	29.4 mm

<b>Certificates/ approvals</b>		
General Product Approval	EMC	Declaration of Conformity



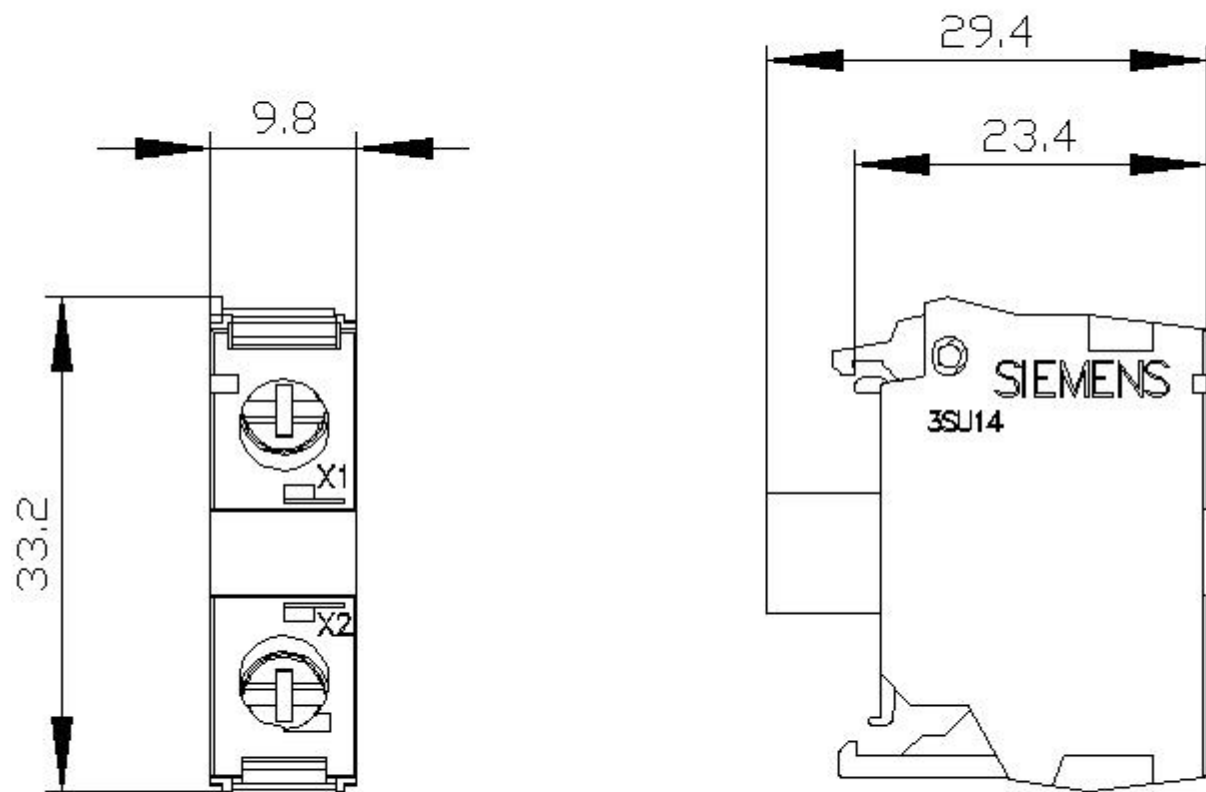
Declaration of Conformity	Test Certificates	Marine / Shipping
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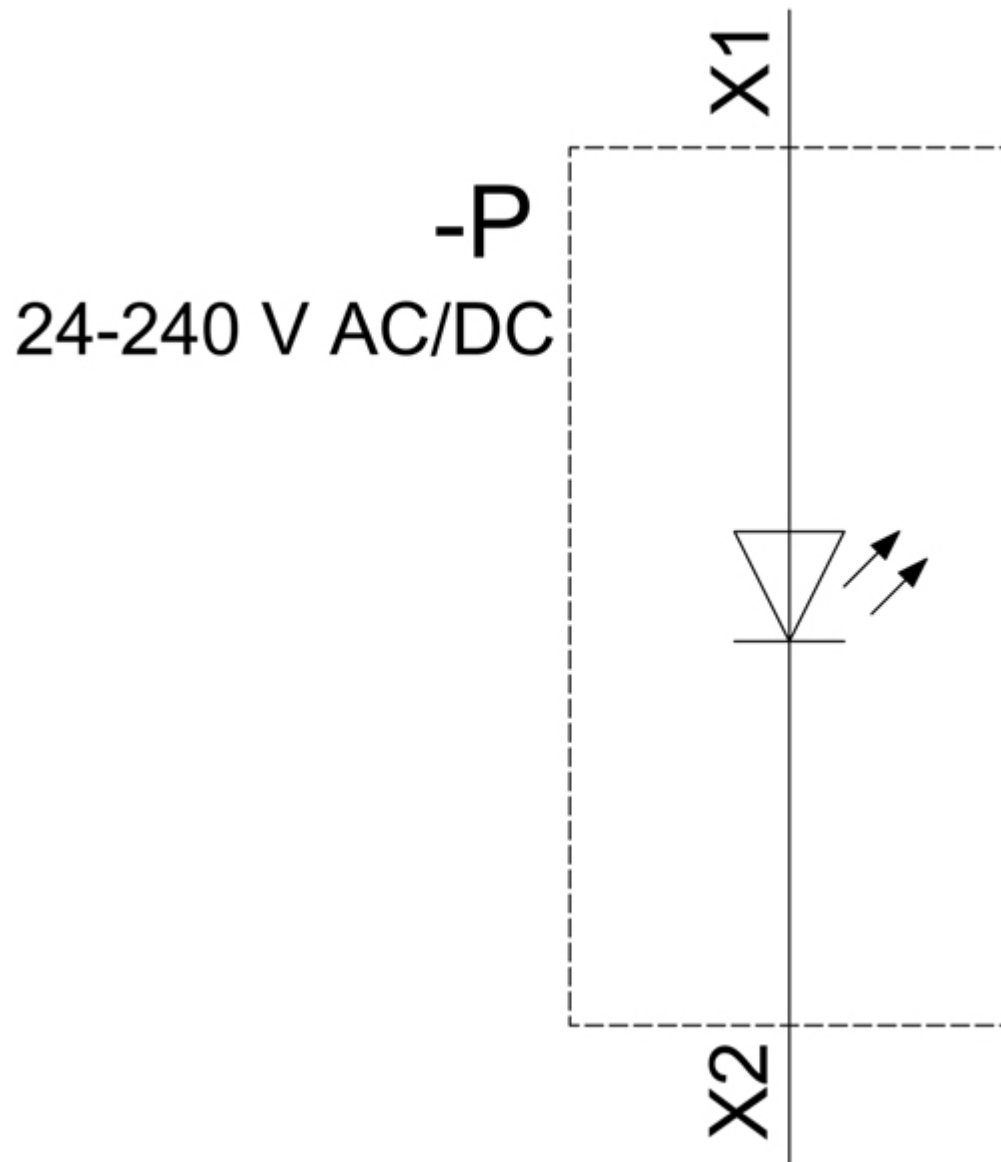


Marine / Shipping	other
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<b>Further information</b>
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12/21/2020 