



LED module w. indicator lights With integrated LED AC/DC 6-24 V, red-yellow-green, spring-loaded 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	40 mA
protection class IP	
• of the enclosure	IP40
• of the terminal	IP20
<b>shock resistance</b>	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
<b>vibration resistance</b>	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications according to EN 61373	Category 1, Class B
<b>operating period typical</b>	100 000 h
<b>reference code according to IEC 81346-2</b>	P
<b>Substance Prohibitance (Date)</b>	10/01/2014
<b>operating voltage 1</b>	
• at AC	
— at 50 Hz rated value	12 V
— at 60 Hz rated value	12 V
• at DC rated value	12 V
<b>relative positive tolerance of the operating voltage</b>	200 %
<b>relative negative tolerance of the operating voltage</b>	50 %
<b>Control circuit/ Control</b>	
<b>inrush current maximum</b>	2 A
<b>Connections/ Terminals</b>	
<b>type of electrical connection</b>	spring-loaded terminals
<b>type of connectable conductor cross-sections</b>	

- solid without core end processing 2x (0.25 ... 1.5 mm<sup>2</sup>)
- finely stranded with core end processing 2x (0.25 ... 0.75 mm<sup>2</sup>)
- finely stranded without core end processing 2x (0.25 ... 1.5 mm<sup>2</sup>)
- at AWG cables 2x (24 ... 16)

Lamp	
type of light source	LED
color of the light source	red/yellow/ green
certificate of suitability	
• ATEX	No
• IECEx	No

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

Installation/ mounting/ dimensions	
fastening method	
• of modules and accessories	Front plate mounting
height	36 mm
width	9.8 mm
depth	49.7 mm
suitability for integration	
• plastic enclosure	No
• metal enclosure	No

Certificates/ approvals			
General Product Approval	EMC	Declaration of Conformity	Test Certificates

[Confirmation](#)



[Type Test Certificates/Test Report](#)

Test Certificates	Marine / Shipping
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[Special Test Certificate](#)



other
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[Confirmation](#)

[Environmental Confirmations](#)

Further information
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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=3SU1401-1BG24-3AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BG24-3AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BG24-3AA0>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1BG24-3AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BG24-3AA0&lang=en)

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