

Siemens  
EcoTech



LED module with integrated LED 24 V AC/DC, red, Spring-loaded terminal, for front plate mounting, Minimum order quantity 5 or a multiple thereof

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	25 mA
protection class IP	
• of the enclosure	IP40
• of the terminal	IP20
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15 g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5 g
• 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 Prohibitance (Date)	10/01/2014
SVHC substance name	Lead monoxide (lead oxide) CAS-No. 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one CAS-No. 71868-10-5
Net Weight	7 g
operating voltage 1	
• at AC	
— at 50 Hz rated value	24 V
— at 60 Hz rated value	24 V
• at DC rated value	24 V
relative positive tolerance of the operating voltage	25 %

relative negative tolerance of the operating voltage	30 %
<b>Control circuit/ Control</b>	
inrush current maximum	2 A
<b>Connections/ Terminals</b>	
type of electrical connection	spring-loaded terminals
type of connectable conductor cross-sections	
<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 (0.25 ... 1.5 mm <sup>2</sup> ) 2x (0.25 ... 0.75 mm <sup>2</sup> ) 2x (0.25 ... 1.5 mm <sup>2</sup> ) 2x (24 ... 16)
connectable conductor cross-section finely stranded with core end processing	0.25 ... 0.75 mm <sup>2</sup>

<b>Lamp</b>	
type of light source	LED
color of the light source	red
light intensity	450 ... 1 120 mcd

<b>ATEX</b>	
certificate of suitability	
<ul style="list-style-type: none"> <li>• ATEX</li> <li>• IECEX</li> </ul>	No No

<b>Ambient conditions</b>	
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)

<b>Installation/ mounting/ dimensions</b>	
fastening method	
<ul style="list-style-type: none"> <li>• of modules and accessories</li> </ul>	Front plate mounting
height	36 mm
width	9.8 mm
depth	29.4 mm

<b>Approvals Certificates</b>	
Environmental Product Declaration	
<ul style="list-style-type: none"> <li>• global warming potential [CO2 eq] / during manufacturing</li> <li>• global warming potential [CO2 eq] / during operation</li> <li>• global warming potential [CO2 eq] / after end of life</li> <li>• global warming potential [CO2 eq] / total</li> </ul>	0.566 kg 0.235 kg -0.0145 kg 0.787 kg

Environment	General Product Approval	Maritime application
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[Environmental Certifications](#)



Maritime application	other
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[Confirmation](#)

**Further information**

- Information on the packaging  
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
- Information for data generation and storage  
<https://support.industry.siemens.com/cs/ww/en/view/109995012>
- 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?mfb=3SU1401-1BB20-3AA0>

Cax online generator

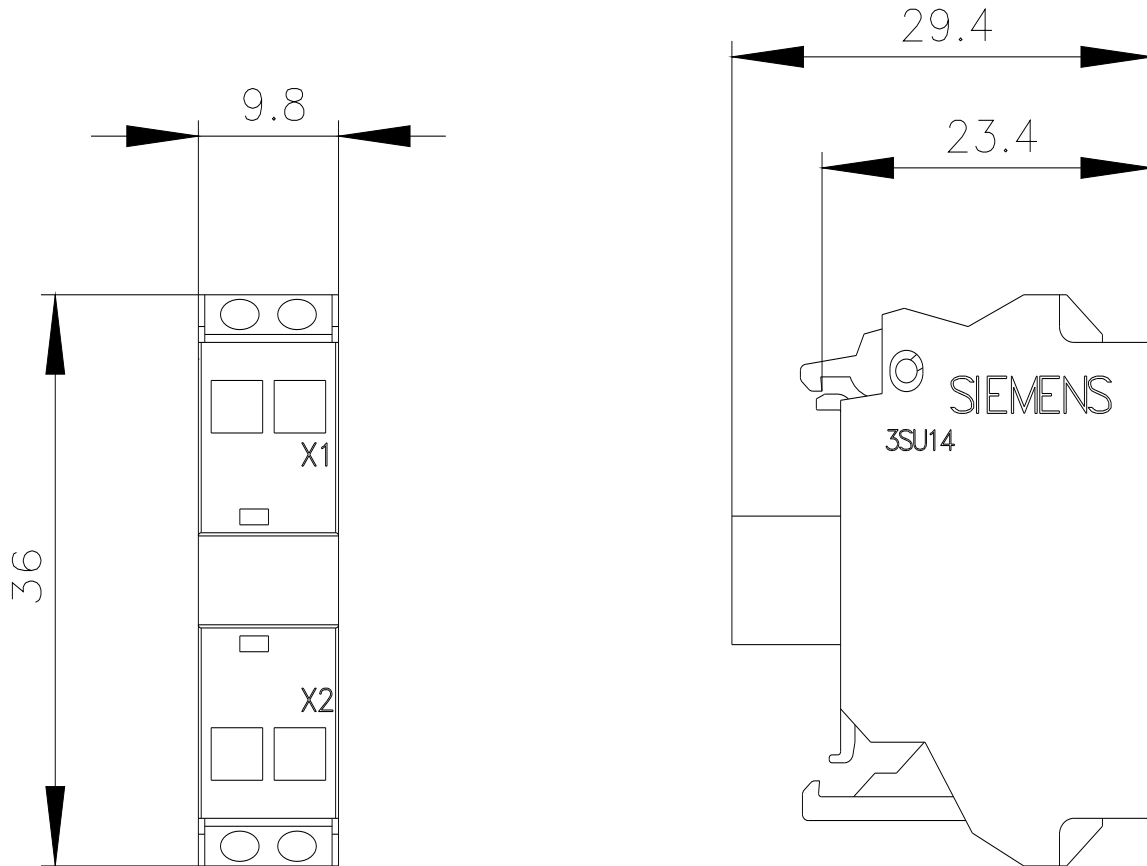
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BB20-3AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BB20-3AA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1BB20-3AA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BB20-3AA0&lang=en)





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