



LED module with integrated LED 24 V AC/DC, yellow, screw terminal, for floor 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	<ul style="list-style-type: none"> <li>• diode</li> <li>• lamp transformer</li> <li>• light source</li> <li>• series resistor</li> </ul>
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	<ul style="list-style-type: none"> <li>• of the enclosure</li> <li>• of the terminal</li> </ul>
IP40	IP40
IP20	IP20
shock resistance	<ul style="list-style-type: none"> <li>• according to IEC 60068-2-27</li> <li>• for railway applications according to EN 61373</li> </ul>
sinusoidal half-wave 15g / 11 ms	sinusoidal half-wave 15g / 11 ms
Category 1, Class B	Category 1, Class B
vibration resistance	<ul style="list-style-type: none"> <li>• according to IEC 60068-2-6</li> <li>• for railway applications according to EN 61373</li> </ul>
10 ... 500 Hz: 5g	10 ... 500 Hz: 5g
Category 1, Class B	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) - 1317-36-8 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5
Net Weight	8 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	20 %

relative negative tolerance of the operating voltage	20 %
Control circuit/ Control	
inrush current maximum	2 A
Connections/ Terminals	
type of electrical connection	screw terminal
type of connectable conductor cross-sections	
• 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> )
• for AWG cables	2x (18 ... 14)
connectable conductor cross-section finely stranded with core end processing	0.5 ... 1.5 mm <sup>2</sup>
tightening torque with screw-type terminals	0.8 ... 0.9 N·m
Lamp	
type of light source	LED
color of the light source	yellow
light intensity	900 ... 1 400 mcd
ATEX	
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, 3C3, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted)
Installation/ mounting/ dimensions	
fastening method	
• of modules and accessories	Floor mounting
height	33.2 mm
width	9.8 mm
depth	29.4 mm
Approvals Certificates	
Environmental Product Declaration	
• global warming potential [CO <sub>2</sub> eq] / during manufacturing	0.566 kg
• global warming potential [CO <sub>2</sub> eq] / during operation	0.235 kg
• global warming potential [CO <sub>2</sub> eq] / after end of life	-0.0145 kg
• global warming potential [CO <sub>2</sub> eq] / total	0.787 kg
Environment	General Product Approval



Siemens  
EcoTech



[Environmental Con-  
firmations](#)



General Product Approval	EMV	Test Certificates	Maritime application
		<a href="#">Special Test Certifi- cate</a> <a href="#">Type Test Certifi- cate/Test Report</a>	 
Maritime application	other		



产品合格  
QC PASS

[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?mlfb=3SU1401-2BB30-1AA0>

Cax online generator

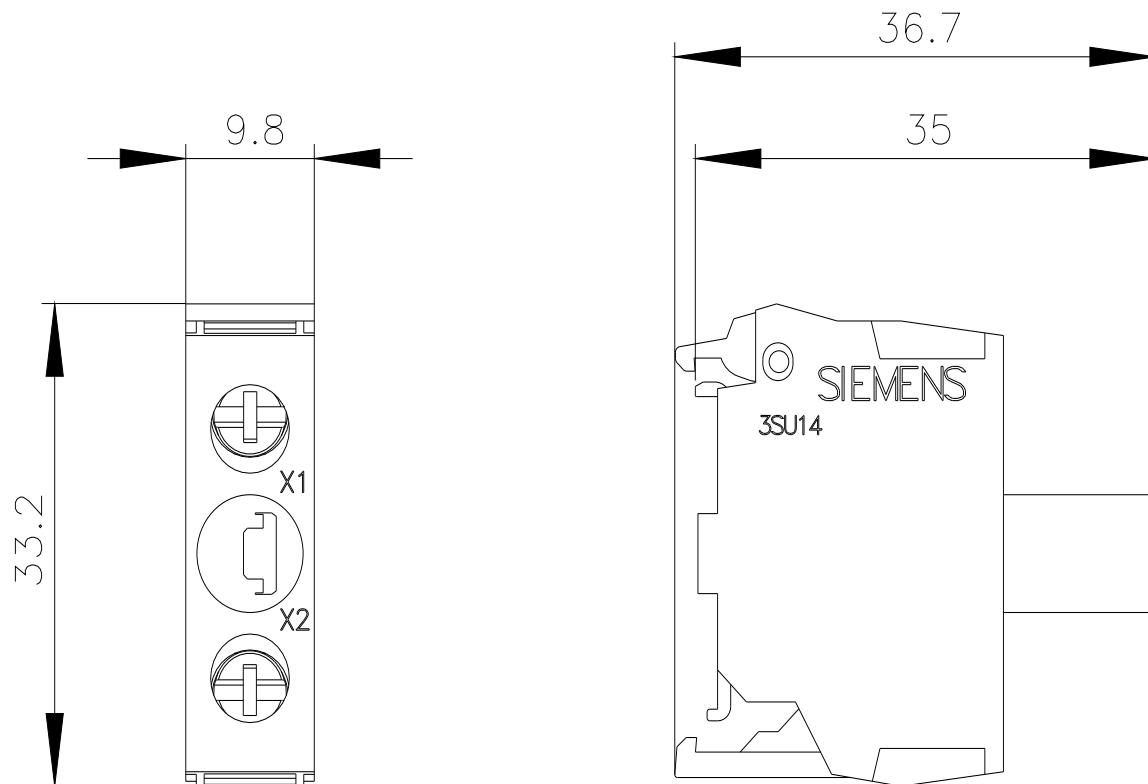
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BB30-1AA0>

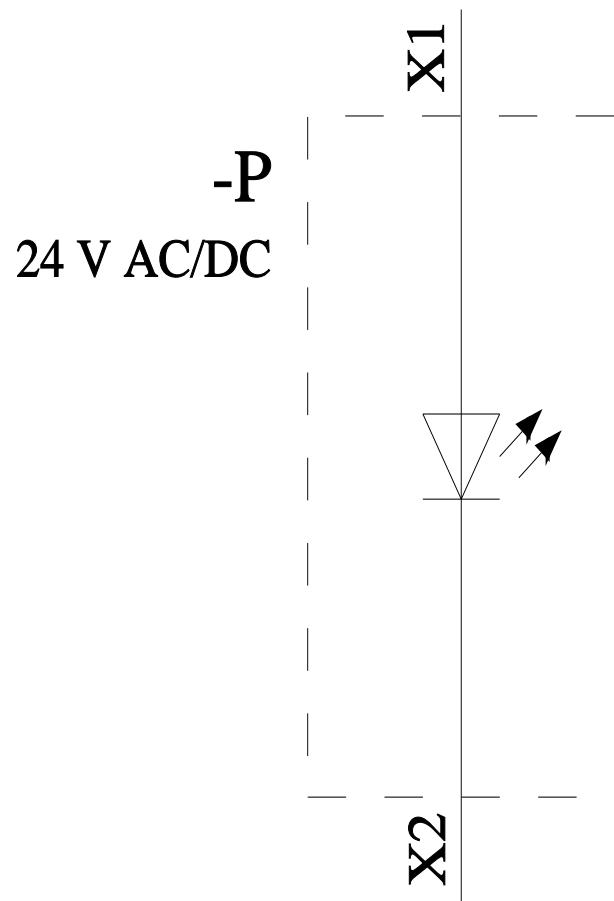
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BB30-1AA0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-2BB30-1AA0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BB30-1AA0&lang=en)





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