



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

product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
product component	<ul style="list-style-type: none"> • diode • lamp transformer • light source • series resistor
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	20 mA
protection class IP	<ul style="list-style-type: none"> • of the enclosure • of the terminal
IP40	IP40
IP20	IP20
shock resistance	<ul style="list-style-type: none"> • according to IEC 60068-2-27 • for railway applications according to EN 61373
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"> • according to IEC 60068-2-6 • for railway applications according to EN 61373
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 - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8
Net Weight	10 g
operating voltage	
• 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
relative positive tolerance of the operating voltage	20 %

relative negative tolerance of the operating voltage	20 %				
Control circuit/ Control					
inrush current maximum	3 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 ²)				
• solid without core end processing	2x (1.0 ... 1.5 mm ²)				
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)				
• finely stranded without core end processing	2x (1.0 ... 1.5 mm ²)				
• for AWG cables	2x (18 ... 14)				
connectable conductor cross-section finely stranded with core end processing	0.5 ... 1.5 mm ²				
tightening torque with screw-type terminals	0.8 ... 0.9 N·m				
Lamp					
type of light source	LED				
color of the light source	green				
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)				
Environmental footprint					
Environmental Product Declaration(EPD)	Yes				
global warming potential [CO ₂ eq] total	0.787 kg				
global warming potential [CO ₂ eq] during manufacturing	0.566 kg				
global warming potential [CO ₂ eq] during operation	0.235 kg				
global warming potential [CO ₂ eq] after end of life	-0.015 kg				
Siemens Eco Profile (SEP)	Siemens EcoTech				
Installation/ mounting/ dimensions					
fastening method					
• of modules and accessories	Front plate mounting				
height	33.2 mm				
width	9.8 mm				
depth	29.4 mm				
Approvals Certificates					
General Product Approval	EMV				
					
Test Certificates	Maritime application				
Special Test Certificate	Type Test Certificates/Test Report				
					
other	Environment				

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=3SU1401-1BH40-1AA0>

Cax online generator

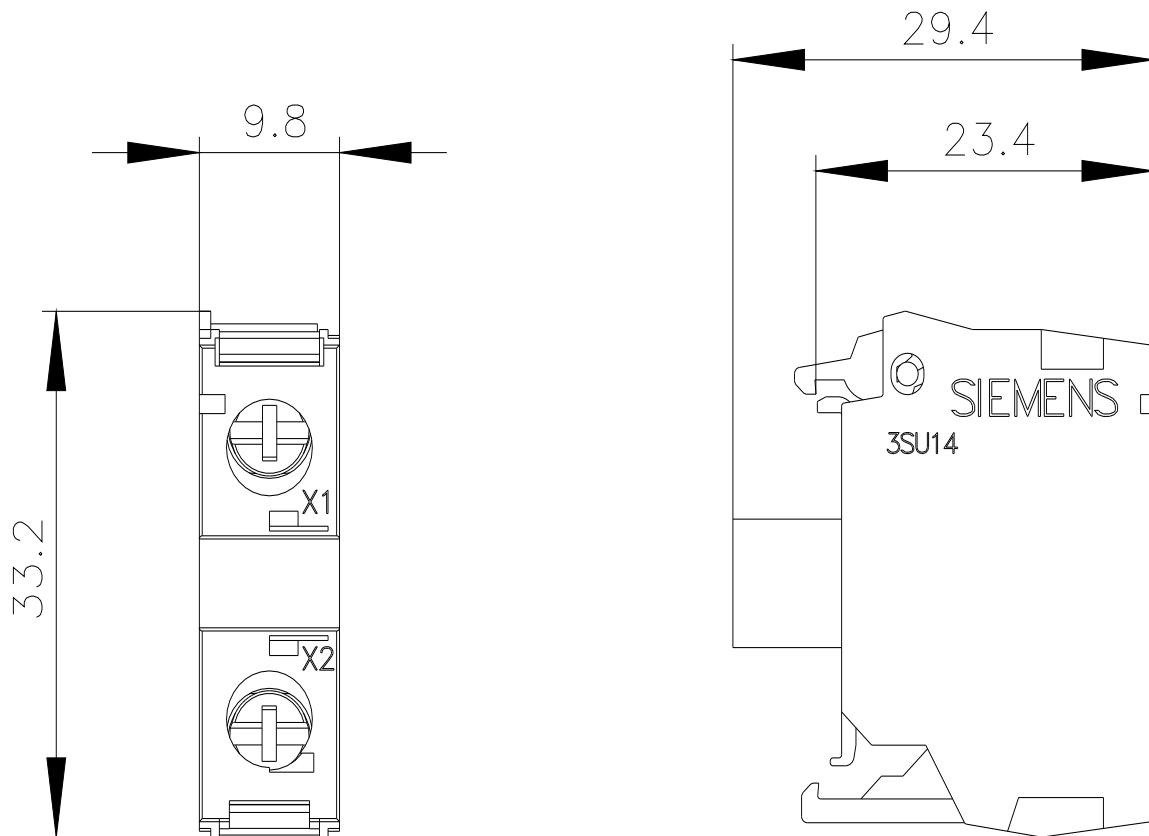
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BH40-1AA0>

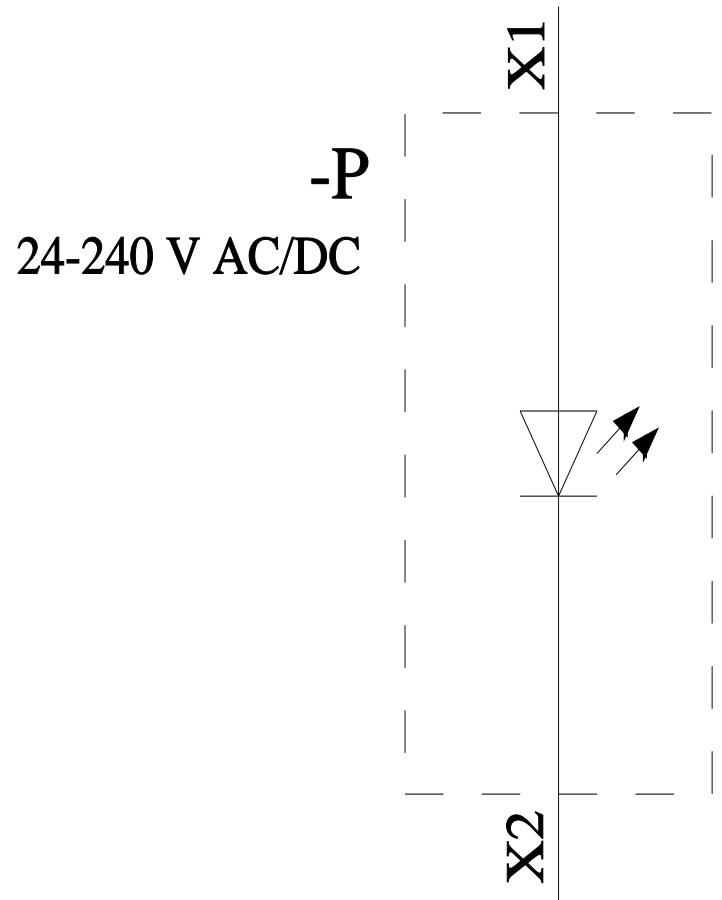
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BH40-1AA0>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BH40-1AA0&lang=en





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