



LED module with integrated LED 110 V AC, green, spring-type terminal, for front plate mounting

product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
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
• for actuation	AC
surge voltage resistance rated value	4 kV
consumed current maximum	20 mA
protection class IP	
• of the enclosure	IP40
• of the terminal	IP20
shock resistance	
• acc. to IEC 60068-2-27	sinusoidal half-wave 50g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
operating period typical	100 000 h
reference code acc. to IEC 81346-2	P
Substance Prohibitance (Date)	01.10.2014 00:00:00
operating voltage 1	
• at AC	
— at 50 Hz rated value	110 V
— at 60 Hz rated value	110 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	spring-loaded terminals

type of connectable conductor cross-sections		
• solid without core end processing	2x (0.25 ... 1.5 mm²)	
• finely stranded with core end processing	2x (0.25 ... 0.75 mm²)	
• finely stranded without core end processing	2x (0.25 ... 1.5 mm²)	
• at AWG cables	2x (24 ... 16)	
Lamp		
type of light source	LED	
color of the light source	green	
light intensity	900 ... 1 400 mcd	
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 acc. 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	Front plate mounting	
height	36 mm	
width	9.8 mm	
depth	29.4 mm	
Certificates/ approvals		
General Product Approval	EMC	Test Certificates



[Special Test Certificate](#)

Test Certificates Marine / Shipping

[Type Test Certificates/Test Report](#)



other

[Confirmation](#)

Further information

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=3SU1401-1BC40-3AA0>

Cax online generator

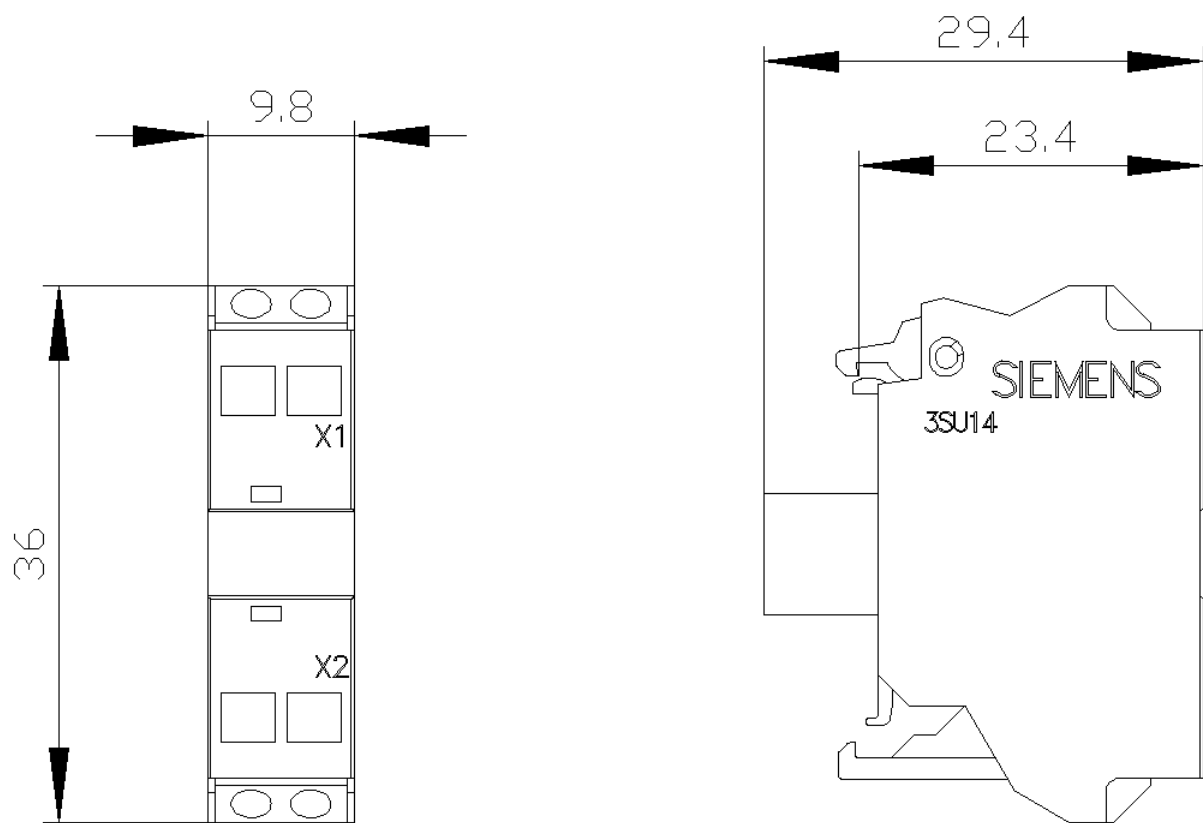
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BC40-3AA0>

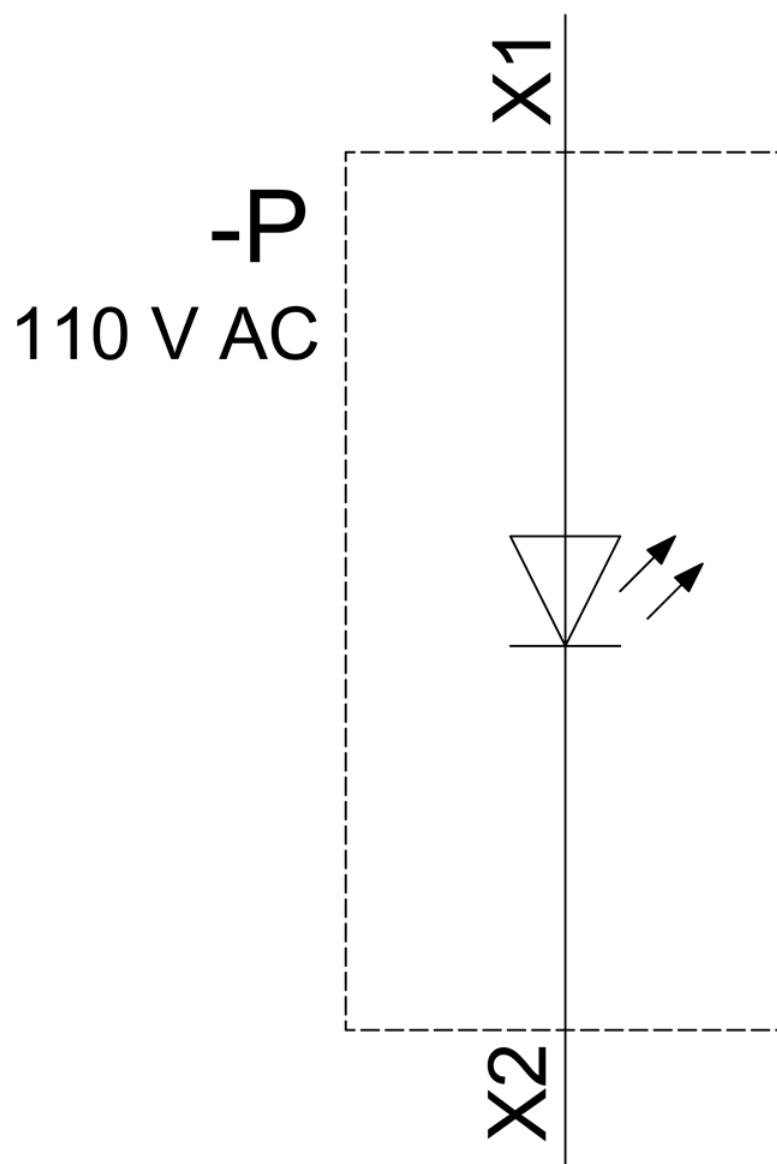
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BC40-3AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BC40-3AA0&lang=en





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