

LED module with integrated LED 110 V AC, amber, screw 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
• product component lamp transformer	No
• product component light source	Yes
• product component series resistor	No
insulation voltage	
• rated value	320 V
degree of pollution	3
type of voltage	
• of the operating voltage	AC
• of the operating voltage 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 • Shock resistance for railway applications acc. to DIN EN 61373	Sinusoidal half-wave 50g / 11 ms Category 1, Class B
• vibration resistance acc. to IEC 60068-2-6 • Vibration resistance for railway applications acc. to DIN EN 61373	10 ... 500 Hz: 5g Category 1, Class B
Operating period typical	100 000 h
reference code acc. to DIN EN 81346-2	P
reference code acc. to DIN EN 61346-2	P
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
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Connections/ Terminals

• type of electrical connection	screw-type terminals
• Type of connectable conductor cross-sections solid with core end processing	2x (0.5 ... 0.75 mm ²)
• Type of connectable conductor cross-sections solid without core end processing	2x (1.0 ... 1.5 mm ²)
• Type of connectable conductor cross-sections finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• Type of connectable conductor cross-sections finely stranded without core end processing	2x (1,0 ... 1,5 mm ²)
• type of connectable conductor cross-sections at AWG conductors	2x (18 ... 14)
• tightening torque with screw-type terminals	0.8 ... 0.9 N·m

Lamp

type of light source	LED
color of the light source	amber
Light intensity	450 ... 1 120 mcd
• certificate of suitability ATEX	No
• certificate of suitability IECEx	No

Ambient conditions

• ambient temperature during operation	-25 ... +70 °C
• ambient temperature 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

• Mounting type of modules and accessories	Front plate mounting
height	33.2 mm
width	9.8 mm
depth	29.4 mm

Certificates/ approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CCC	 UL	 EAC
	 EG-Konf.	Miscellaneous Special Test Certificate

Test Certificates	Marine / Shipping
Type Test Certificates/Test Report	 ABS
	 LRS
	 PRS
	 RINA
	 RMRS

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=3SU1401-1BC00-1AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BC00-1AA0>

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

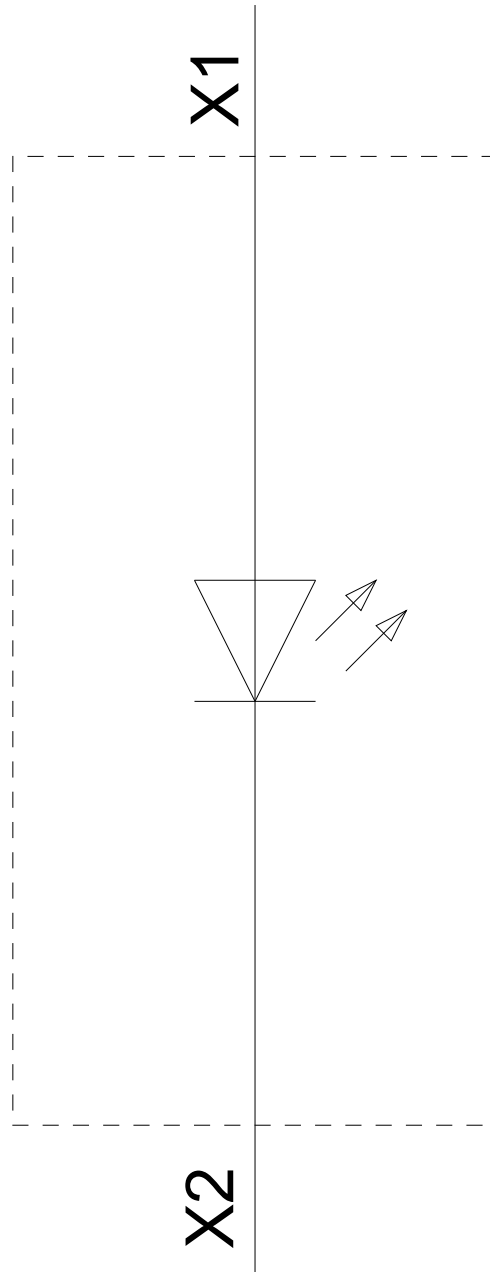
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BC00-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BC00-1AA0&lang=en



110 V AC
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08/20/2020