



LED module with integrated LED 110 V AC, blue, screw terminal, for front plate mounting

product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1

General technical data

product component	Yes
<ul style="list-style-type: none"> • diode 	Yes
<ul style="list-style-type: none"> • lamp transformer 	No
<ul style="list-style-type: none"> • light source 	Yes
<ul style="list-style-type: none"> • series resistor 	No
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	AC
<ul style="list-style-type: none"> • for actuation 	AC
surge voltage resistance rated value	4 kV
consumed current maximum	20 mA
protection class IP	
<ul style="list-style-type: none"> • of the enclosure 	IP40
<ul style="list-style-type: none"> • of the terminal 	IP20
shock resistance	
<ul style="list-style-type: none"> • according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
<ul style="list-style-type: none"> • for railway applications according to EN 61373 	Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> • according to IEC 60068-2-6 	10 ... 500 Hz: 5g
<ul style="list-style-type: none"> • 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 Prohibition (Date)	10/01/2014
operating voltage 1	
<ul style="list-style-type: none"> • at AC 	
<ul style="list-style-type: none"> — at 50 Hz rated value 	110 V
<ul style="list-style-type: none"> — 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	
<ul style="list-style-type: none"> • solid with core end processing 	2x (0.5 ... 0.75 mm ²)
<ul style="list-style-type: none"> • solid without core end processing 	2x (1.0 ... 1.5 mm ²)
<ul style="list-style-type: none"> • finely stranded with core end processing 	2x (0.5 ... 1.5 mm ²)

<ul style="list-style-type: none"> finely stranded without core end processing at AWG cables 	2x (1,0 ... 1,5 mm ²)
tightening torque with screw-type terminals	2x (18 ... 14) 0.8 ... 0.9 N·m

Lamp	
type of light source	LED
color of the light source	blue
light intensity	280 ... 710 mcd
certificate of suitability	
<ul style="list-style-type: none"> ATEX IECEX 	No No

Ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> during operation during storage 	-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)

Installation/ mounting/ dimensions	
fastening method	
<ul style="list-style-type: none"> of modules and accessories 	Front plate mounting
height	33.2 mm
width	9.8 mm
depth	29.4 mm
suitability for integration	
<ul style="list-style-type: none"> plastic enclosure metal enclosure 	Yes Yes

Certificates/ approvals	
General Product Approval	EMC



[Confirmation](#)



Declaration of Conformity	Test Certificates	Marine / Shipping
EG-Konf.	Special Test Certificate	Type Test Certificates/Test Report
		LRS

Marine / Shipping	other	Environment
	Confirmation	Environmental Confirmations

Further information

Siemens has decided to exit the Russian market (see here).
<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

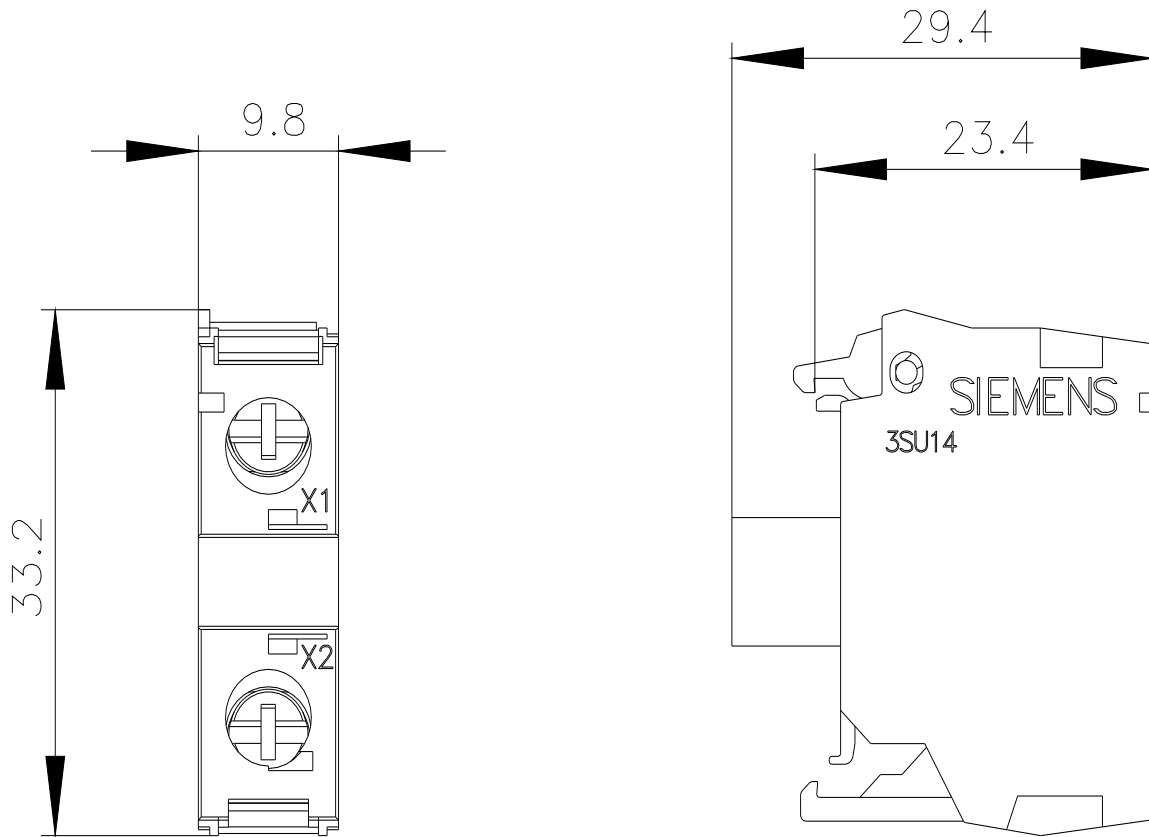
Siemens is working on the renewal of the current EAC certificates.
 Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

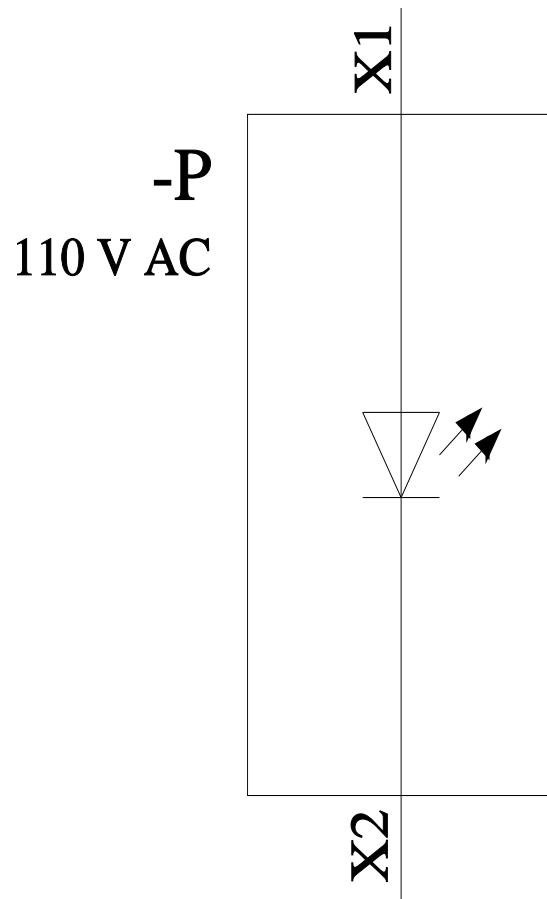
Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3SU1401-1BC50-1AA0>

Cax online generator
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BC50-1AA0>





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