



LED module with integrated LED 230 V AC, red, screw terminal, for front plate mounting

product brand name
product designation
product type designation

SIRIUS ACT
LED module
3SU1

General technical data

product component

- diode
- lamp transformer
- light source
- series resistor

Yes
No
Yes
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
- of the terminal

IP40
IP20

shock resistance

- according to IEC 60068-2-27
- for railway applications according to EN 61373

sinusoidal half-wave 15g / 11 ms
Category 1, Class B

vibration resistance

- according to IEC 60068-2-6
- for railway applications according to EN 61373

10 ... 500 Hz: 5g
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

- at AC
 - at 50 Hz rated value
 - at 60 Hz rated value

230 V
230 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-type terminals

type of connectable conductor cross-sections

- solid with core end processing
- solid without core end processing
- finely stranded with core end processing

2x (0.5 ... 0.75 mm²)
2x (1.0 ... 1.5 mm²)
2x (0.5 ... 1.5 mm²)

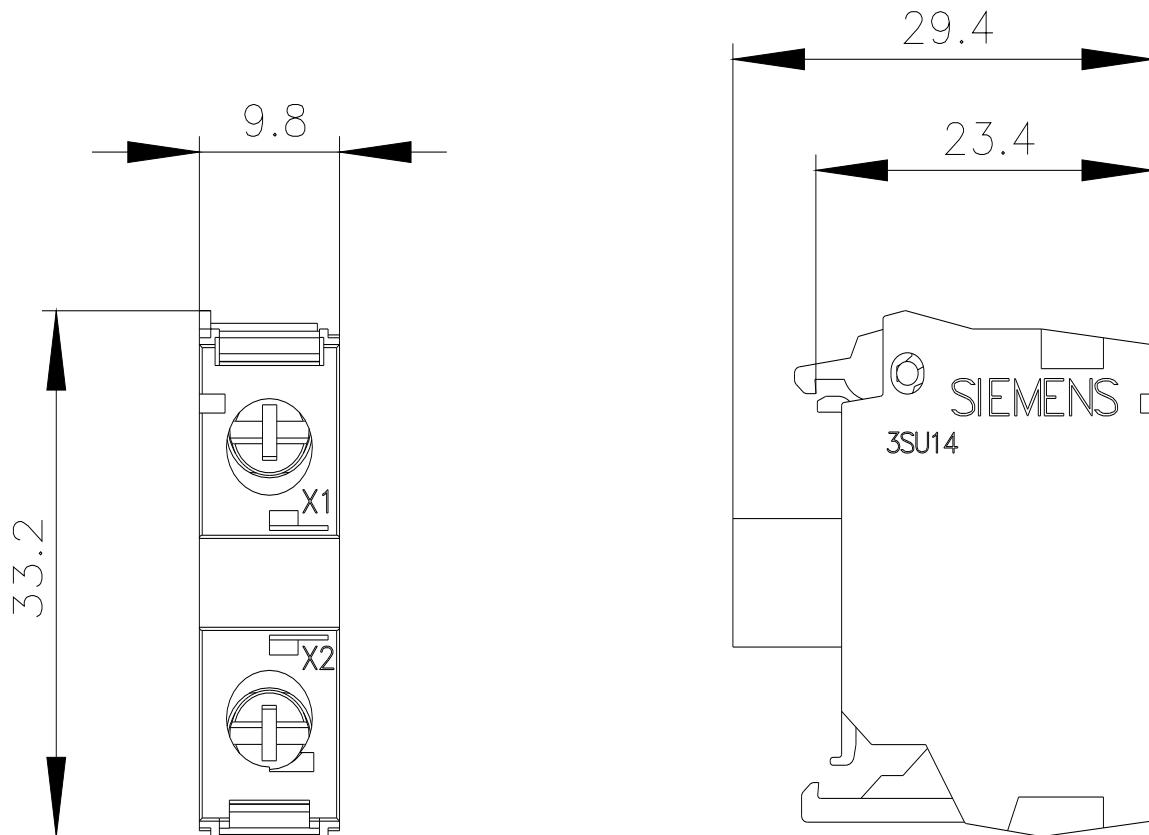
• finely stranded without core end processing • at AWG cables tightening torque with screw-type terminals	2x (1,0 ... 1,5 mm ²) 2x (18 ... 14) 0.8 ... 0.9 N·m				
Lamp					
type of light source	LED				
color of the light source	red				
light intensity	450 ... 1 120 mcd				
certificate of suitability					
• ATEX	No				
• IECEx	No				
Ambient conditions					
ambient temperature					
• during operation	-25 ... +70 °C				
• during storage	-40 ... +80 °C				
environmental category during operation 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	Front plate mounting				
• of modules and accessories					
height	33.2 mm				
width	9.8 mm				
depth	29.4 mm				
suitability for integration					
• plastic enclosure	Yes				
• metal enclosure	Yes				
Certificates/ approvals					
General Product Approval	EMC				
	Confirmation				
Declaration of Conformity		Test Certificates		Marine / Shipping	
		Type Test Certificates/Test Report	Special Test Certificate		
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=3SU1401-1BF20-1AA0					
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BF20-1AA0					

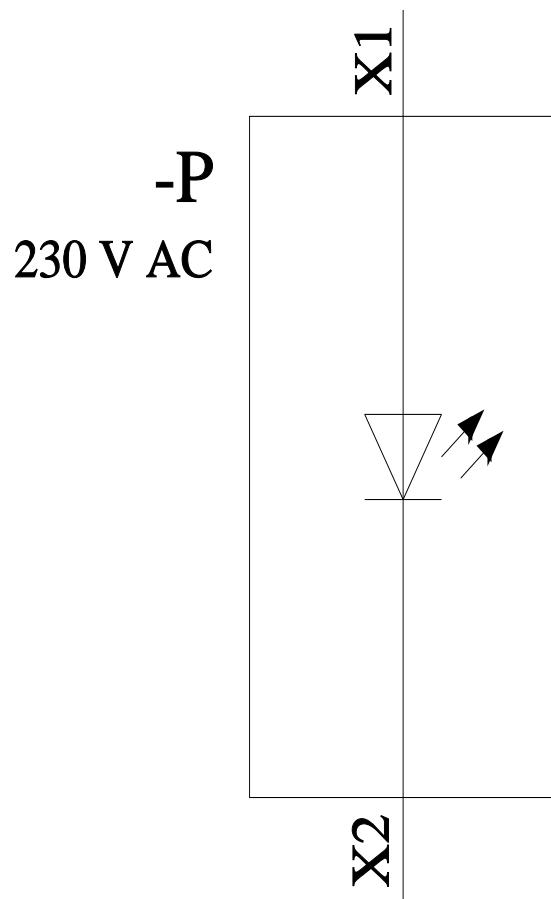
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BF20-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BF20-1AA0&lang=en





last modified:

3/9/2022