



LED module with integrated LED 24 V AC/DC, white, Spring-loaded terminal, for floor mounting, Minimum order quantity 5 or a multiple thereof

product brand name
product designation
product type designation

SIRIUS ACT
LED module
3SU1

General technical data

product component	<ul style="list-style-type: none"> • 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/DC	
• for actuation	AC/DC	
surge voltage resistance rated value	4 kV	
consumed current maximum	25 mA	
protection class IP	<ul style="list-style-type: none"> • of the enclosure • of the terminal 	IP40 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 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 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	24 V	
— at 50 Hz rated value	24 V	
— at 60 Hz rated value	24 V	
• at DC rated value	24 V	
relative positive tolerance of the operating voltage	20 %	
relative negative tolerance of the operating voltage	20 %	

Control circuit/ Control

inrush current maximum	2 A
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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 mm ²)
• finely stranded with core end processing	2x (0.25 ... 0.75 mm ²)

• finely stranded without core end processing	2x (0.25 ... 1.5 mm ²)
• at AWG cables	2x (24 ... 16)

Lamp

type of light source	LED
color of the light source	white
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 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	
• of modules and accessories	Floor mounting
height	36 mm
width	9.8 mm
depth	29.4 mm
suitability for integration	
• plastic enclosure	Yes
• metal enclosure	Yes

Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity



[Confirmation](#)



EG-Konf.

Declaration of Conformity	Test Certificates	Marine / Shipping
UKCA	Special Test Certificate Type Test Certificates/Test Report	ABS LRS PRS

Marine / Shipping	other	Environment
RINA	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=3SU1401-2BB60-3AA0>

Cax online generator

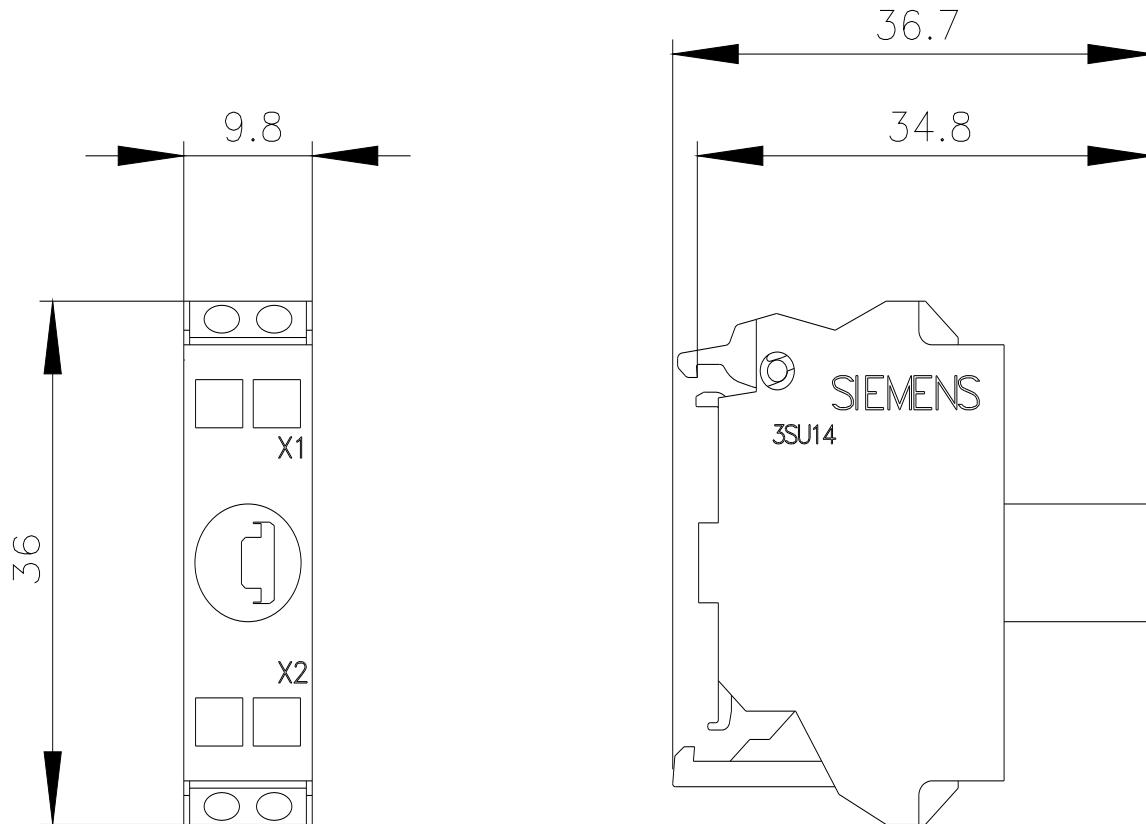
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BB60-3AA0>

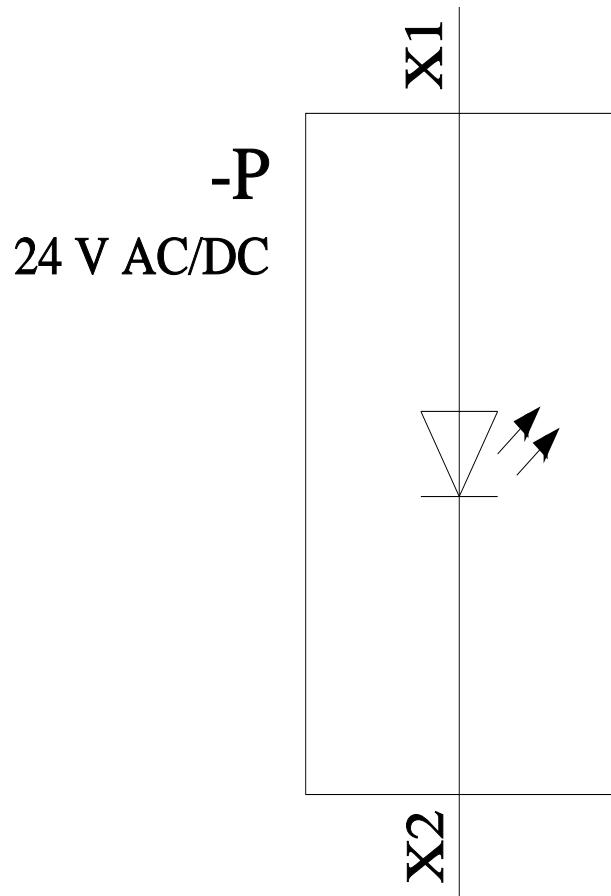
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BB60-3AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BB60-3AA0&lang=en





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