

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



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

General technical data

product component	
<ul style="list-style-type: none"> • diode • lamp transformer • light source • series resistor 	<ul style="list-style-type: none"> Yes No Yes No
insulation voltage	
<ul style="list-style-type: none"> • rated value 	320 V
degree of pollution	3
type of voltage	
<ul style="list-style-type: none"> • of the operating voltage • of the operating voltage for actuation 	<ul style="list-style-type: none"> AC AC
surge voltage resistance rated value	4 kV
consumed current	
<ul style="list-style-type: none"> • maximum 	20 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"> • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 	Sinusoidal half-wave 50g / 11 ms Category 1, Class B
vibration resistance <ul style="list-style-type: none"> • acc. to IEC 60068-2-6 • 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 IEC 81346-2	P
operating voltage 1 <ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — 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
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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 • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG cables 	2x (0.5 ... 0.75 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1,0 ... 1,5 mm ²) 2x (18 ... 14)
tightening torque <ul style="list-style-type: none"> • with screw-type terminals 	0.8 ... 0.9 N·m

Lamp

type of light source	LED
color of the light source	white
light intensity	900 ... 1 400 mcd
certificate of suitability <ul style="list-style-type: none"> • ATEX • IECEX 	No No

Ambient conditions

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)
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Installation/ mounting/ dimensions



fastening method	
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• of modules and accessories	Front plate mounting
height	33.2 mm
width	9.8 mm
depth	29.4 mm

Certificates/ approvals

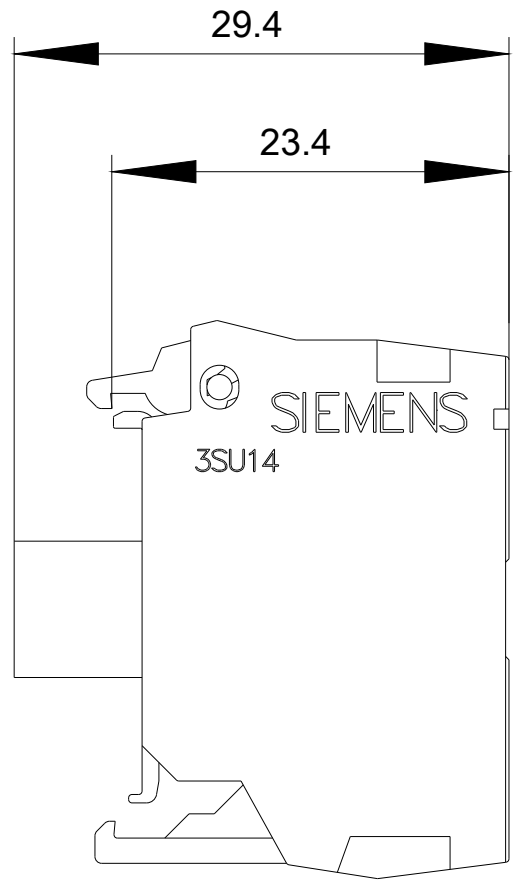
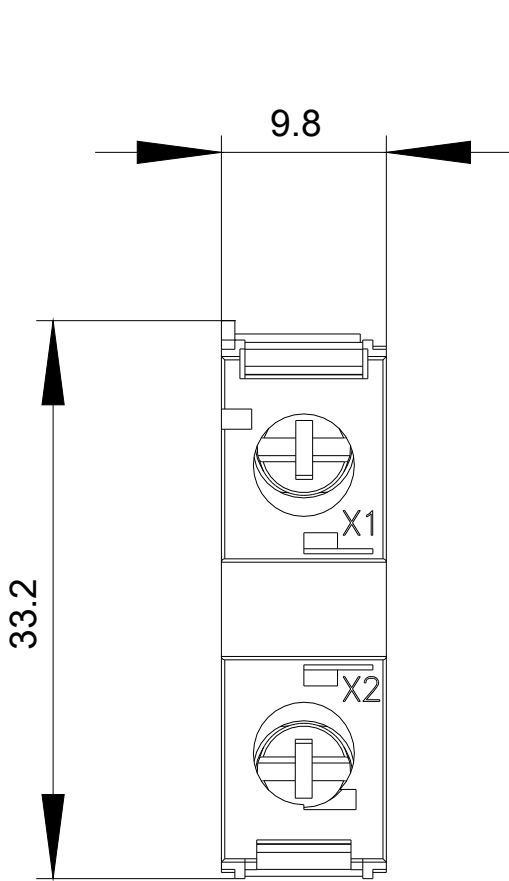
General Product Approval			EMC	Declaration of Conformity	
 CSA	 CCC	 UL		 RCM	 EG-Konf.

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

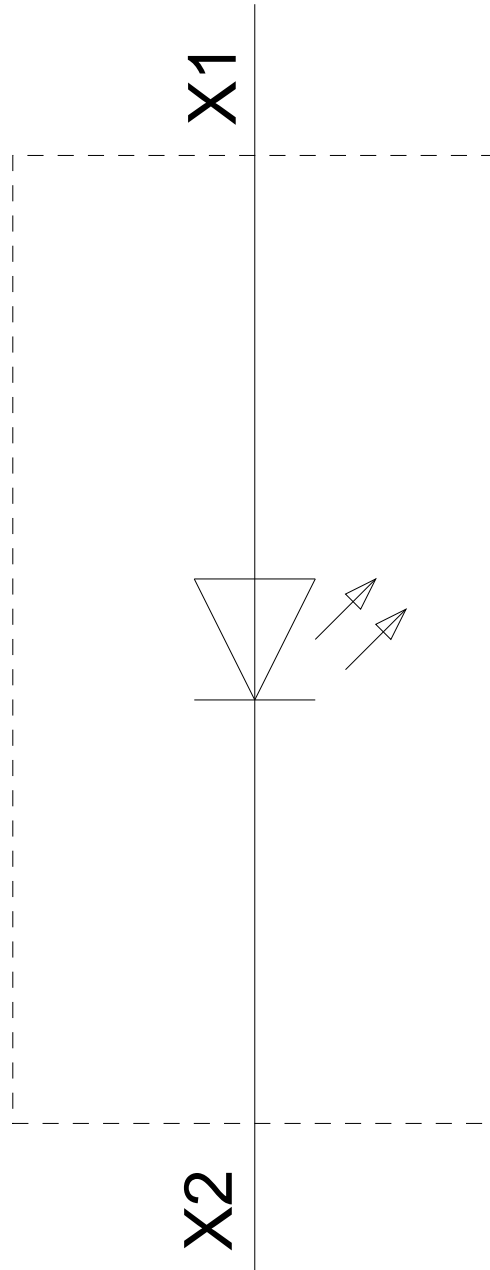
Marine / Shipping	other	
 RINA	 RMRS	Confirmation

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=3SU1401-1BF60-1AA0>
- Cax online generator**
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BF60-1AA0>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BF60-1AA0>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BF60-1AA0&lang=en



230 V AC
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last modified:

11/20/2020