

LED module with integrated LED 24 V AC/DC, blue, spring-type terminal, for floor mounting, Minimum order quantity 5 or a multiple thereof



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 	<p>Yes</p> <p>No</p> <p>Yes</p> <p>No</p>
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 • for actuation 	<p>AC/DC</p> <p>AC/DC</p>
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 50 g / 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 DIN EN 81346-2	P
Reference code acc. to DIN EN 61346-2	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 • at DC rated value 	24 V 24 V 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

Connections/ Terminals	
Type of electrical connection	spring-loaded terminals
Type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing • at AWG conductors 	2x (0.25 ... 1.5 mm ²) 2x (0.25 ... 0.75 mm ²) 2x (0.25 ... 1.5 mm ²) 2x (24 ... 16)

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 acc. to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted)




Installation/ mounting/ dimensions

Mounting type	Floor mounting
<ul style="list-style-type: none"> • of modules and accessories 	
Height	36 mm
Width	9.8 mm
Depth	29.4 mm

Certificates/ approvals

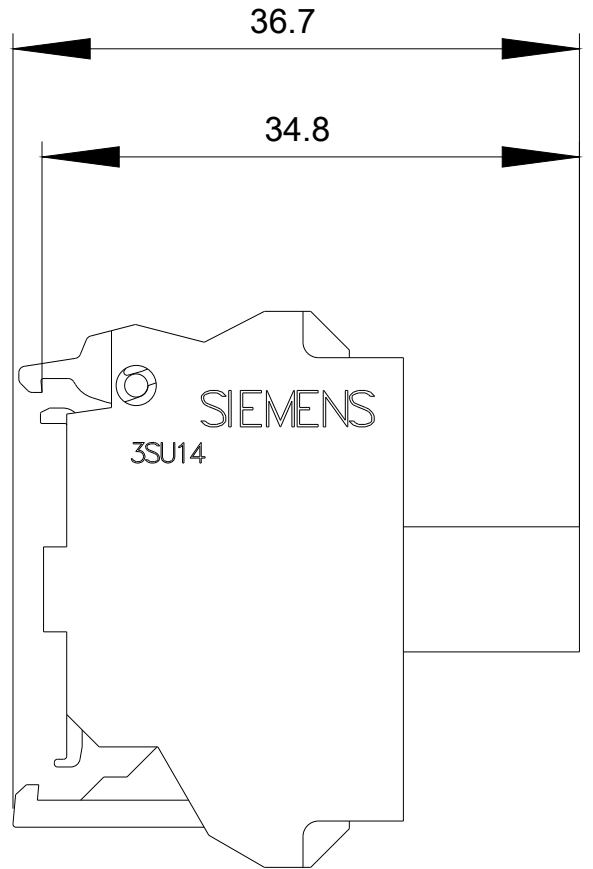
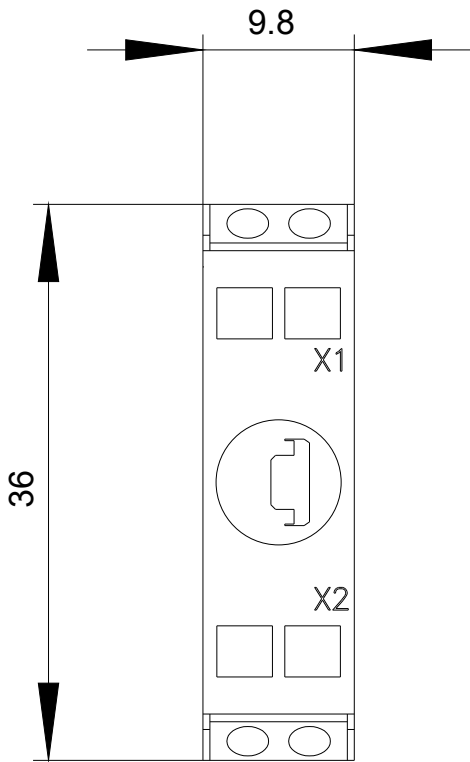
General Product Approval	EMC	Declaration of Conformity
 CCC	 UL	 EG-Konf.
 CSA	 EAC	 RCM

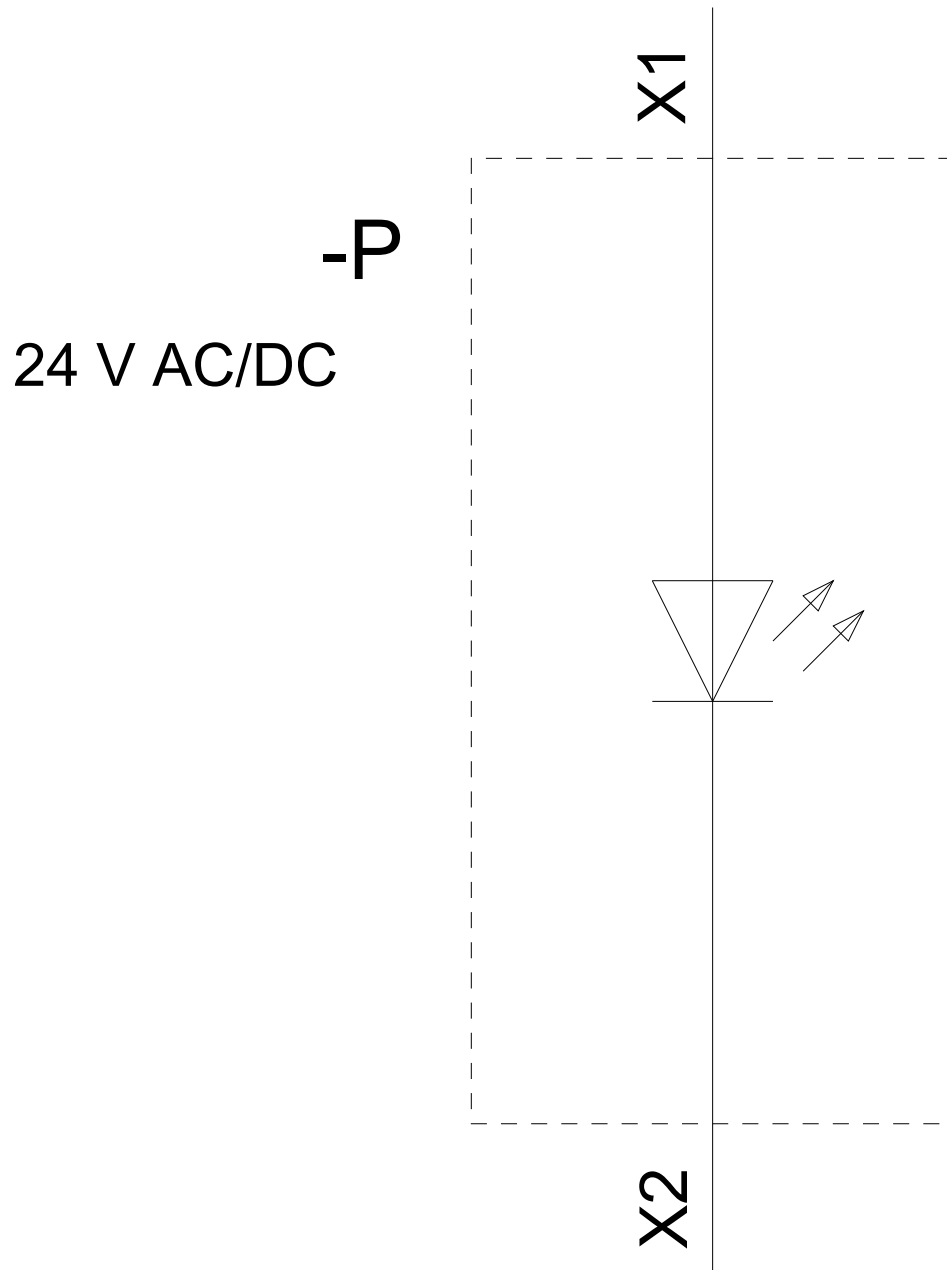
Declaration of Conformity	Test Certificates	Marine / Shipping
Miscellaneous	Special Test Certificate	 ABS
	Type Test Certificates/Test Report	 LRS
		 PRS

Marine / Shipping	other
 RINA	Confirmation
 RMRS	
 DNV-GL DNVGL.COM/AF	

Further information

- Information- and Downloadcenter (Catalogs, Brochures,...)**
www.siemens.com/ic10
- Industry Mall (Online ordering system)**
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mfb=3SU1401-2BB50-3AA0>
- Cax online generator**
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1401-2BB50-3AA0>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BB50-3AA0>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1401-2BB50-3AA0&lang=en





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