

LED MODULE WITH INTEGRATED LED 230V AC, RED, SPRING-TYPE TERMINAL, FOR FRONT PLATE MOUNTING



Figure similar

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

General technical data	
Product component	
• diode	Yes
• lamp transformer	No
• Light source	Yes
• series resistor	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	

<ul style="list-style-type: none"> • 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"> • acc. to IEC 60068-2-27 	Sinusoidal half-wave 50 g / 11 ms
<ul style="list-style-type: none"> • for railway applications acc. to DIN EN 61373 	Category 1, Class B
Vibration resistance	
<ul style="list-style-type: none"> • acc. to IEC 60068-2-6 	10 ... 500 Hz: 5g
<ul style="list-style-type: none"> • for railway applications acc. to DIN EN 61373 	Category 1, Class B
Operating period typical	100 000 h
Equipment marking	
<ul style="list-style-type: none"> • acc. to DIN EN 61346-2 	P
<ul style="list-style-type: none"> • acc. to DIN EN 81346-2 	P

Main circuit

Operating voltage 1	
<ul style="list-style-type: none"> • at AC 	
<ul style="list-style-type: none"> — at 50 Hz rated value 	230 V
<ul style="list-style-type: none"> — at 60 Hz rated value 	230 V
Relative positive tolerance of the operating voltage	20 %
Relative negative tolerance of the operating voltage	20 %

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 	2x (0.25 ... 1.5 mm ²)
<ul style="list-style-type: none"> • finely stranded with core end processing 	2x (0.25 ... 0.75 mm ²)
<ul style="list-style-type: none"> • finely stranded without core end processing 	2x (0.25 ... 1.5 mm ²)
<ul style="list-style-type: none"> • at AWG conductors 	2x (24 ... 16)

Lamp

Type of light source	LED
Color of the light source	red
Light intensity	450 ... 1 120 mcd

Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-25 ... +70 °C
<ul style="list-style-type: none"> • during storage 	-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	
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• of modules and accessories	Front plate mounting
Height	36 mm
Width	9.8 mm
Depth	29.4 mm

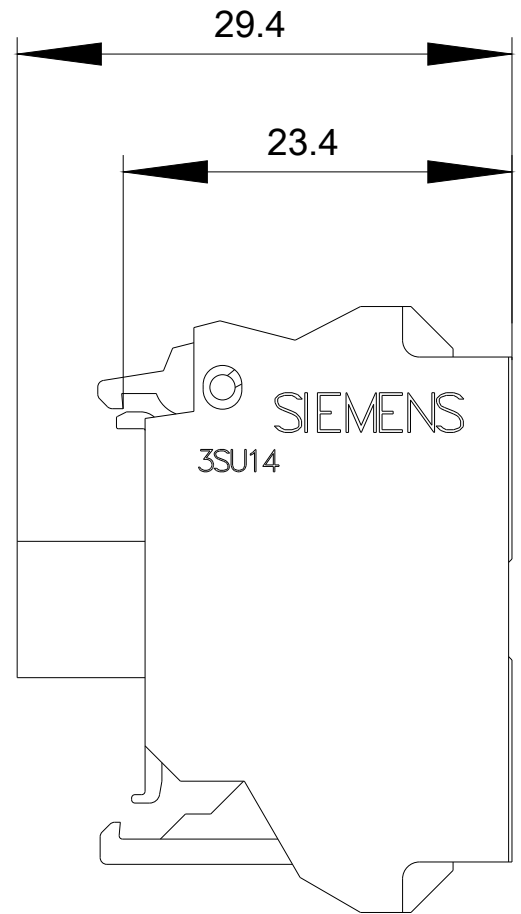
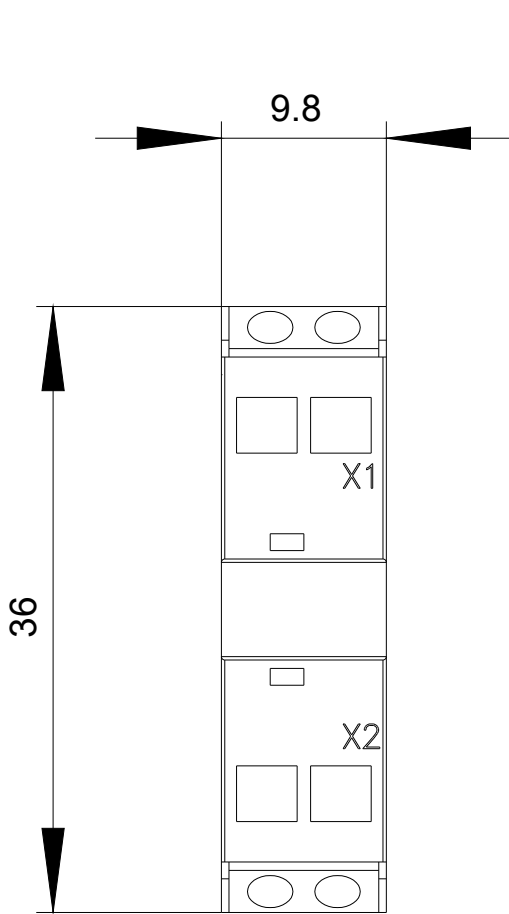
Certificates/approvals

General Product Approval	Declaration of Conformity	Test Certificates
 CCC	 CSA	 UL
		
 EG-Konf.		
Declaration of the Compliance with the order		

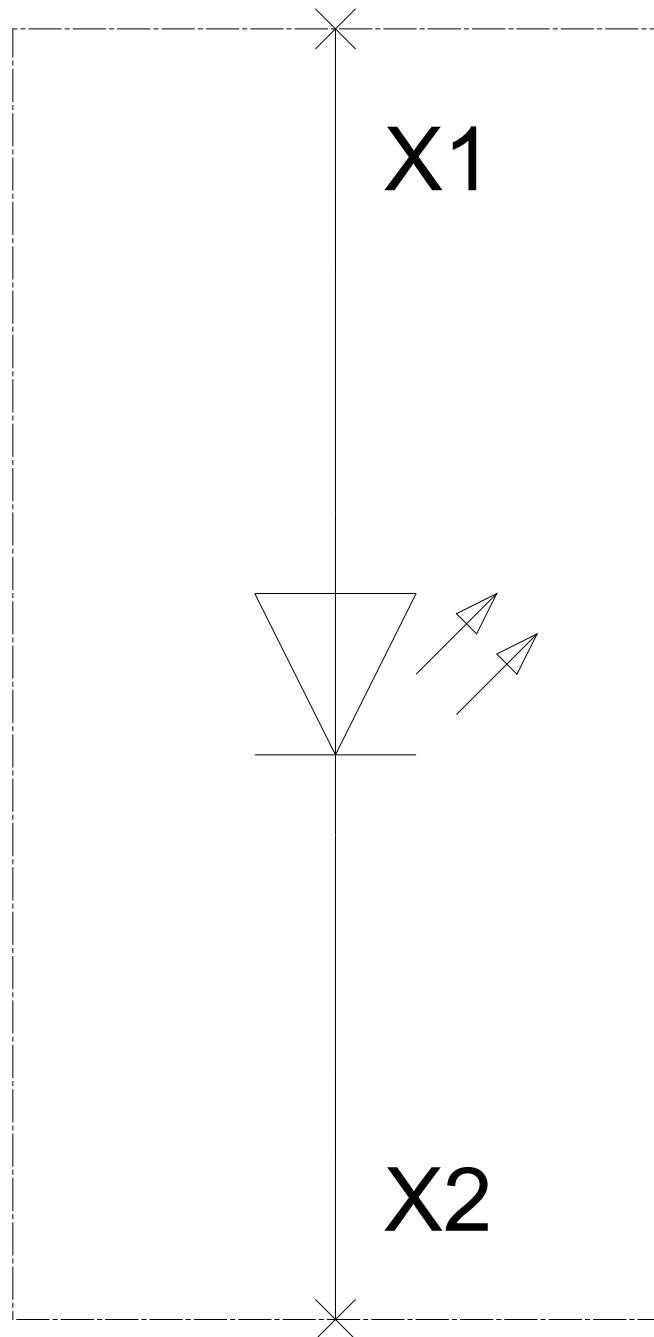
Test Certificates	other
Special Test Certificate	Confirmation

Further information

- Information- and Downloadcenter (Catalogs, Brochures,...)**
<http://www.siemens.com/industrial-controls/catalogs>
- Industry Mall (Online ordering system)**
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BF20-3AA0>
- Cax online generator**
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BF20-3AA0>
- Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BF20-3AA0>
- Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BF20-3AA0&lang=en



-P
230 V AC



last modified:

07/10/2017