

LED module with integrated LED 24 V AC/DC, blue, spring-type terminal, for floor mounting, Z=minimum order quantity 1



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/DC
• for actuation	AC/DC
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	
• 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	
• 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	
• at AC — 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
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Connections/ Terminals

Type of electrical connection	spring-loaded terminals
Type of connectable conductor cross-sections	
• 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	
• ATEX • IECEx	No No

Ambient conditions

Ambient temperature	
• 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	
• of modules and accessories	Floor mounting
Height	36 mm
Width	9.8 mm
Depth	29.4 mm

Certificates/ approvals

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

Test Certificates	Marine / Shipping
Type Test Certificates/Test Report Special Test Certificate	 ABS  LRS  PRS  RINA

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

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?mlfb=3SU1401-2BB50-3AA0-Z X01>

Cax online generator

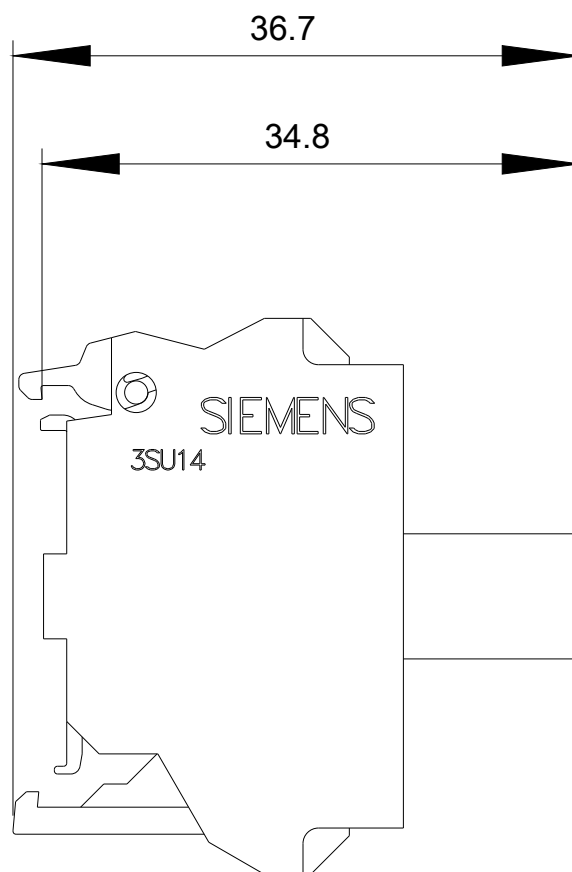
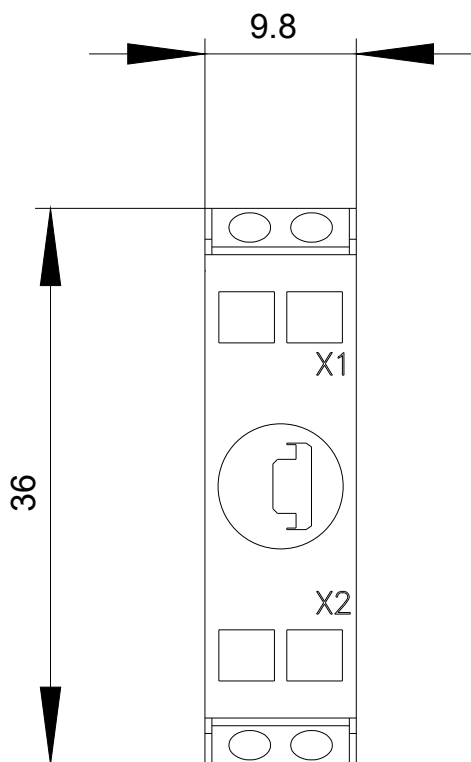
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BB50-3AA0-Z X01>

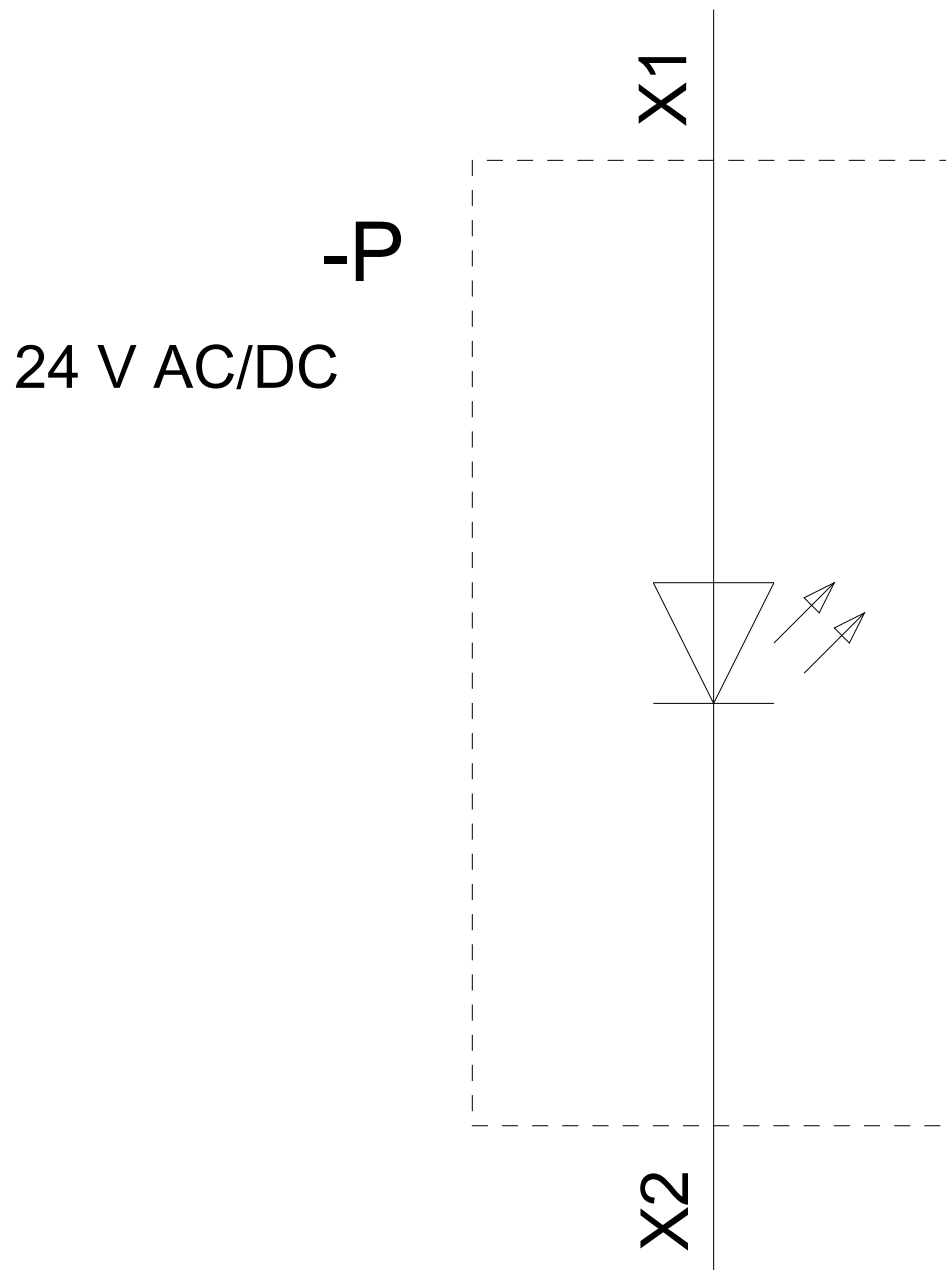
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BB50-3AA0-Z X01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BB50-3AA0-Z X01&lang=en





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