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Show actual product details

Data sheet 3SU1401-1BB50-3AA0

LED MODULE WITH INTEGRATED LED 24V AC/DC, BLUE, SPRING-TYPE TERMINAL, FOR FRONT PLATE MOUNTING



Figure similar

product brandname	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	

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• maximum	20 mA
Protection class IP	
• of the enclosure	IP40
• of the terminal	IP20
Shock resistance	
• acc. to IEC 60068-2-27	Sinusoidal half-wave 50 g / 11 ms
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Vibration resistance	
• acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
• for railway applications acc. to DIN EN 61373	Category 1, Class B
Operating period typical	100 000 h
Equipment marking	
• acc. to DIN EN 61346-2	P
• acc. to DIN EN 81346-2	P

Main circuit

Operating voltage 1	
• at AC	
— 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	25 %
Relative negative tolerance of the operating voltage	30 %

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 mm²)
• finely stranded with core end processing	2x (0.25 ... 0.75 mm²)
• finely stranded without core end processing	2x (0.25 ... 1.5 mm²)
• at AWG conductors	2x (24 ... 16)

Lamp

Type of light source	LED
Color of the light source	blue
Light intensity	280 ... 710 mcd

Safety related data

B10 value	
• with high demand rate acc. to SN 31920	0

Ambient conditions

Ambient temperature	
• during operation	-25 ... +70 °C
• during storage	-40 ... +80 °C

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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	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	EAC	EG-Konf.	Werksbescheinigungen

Test Certificates	other
spezielle Prüfbescheinigungen	Bestätigungen

Further information

Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

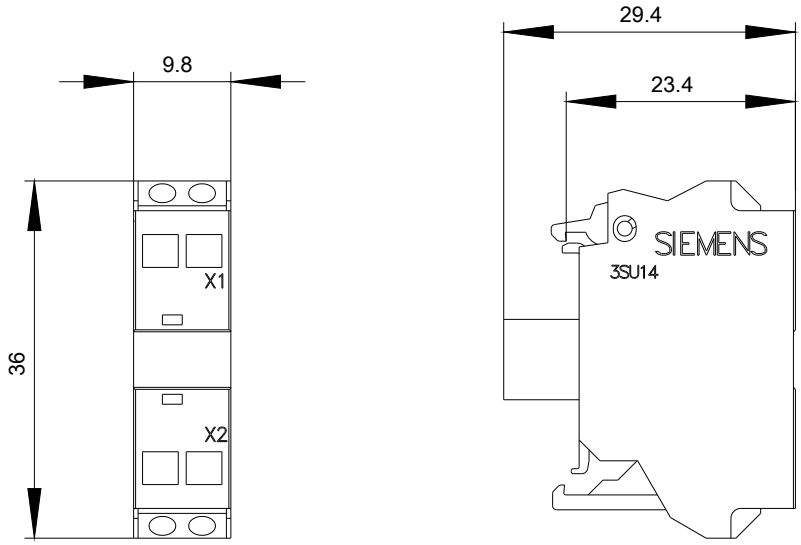
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BB50-3AA0

Cax online generator
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BB50-3AA0

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BB50-3AA0

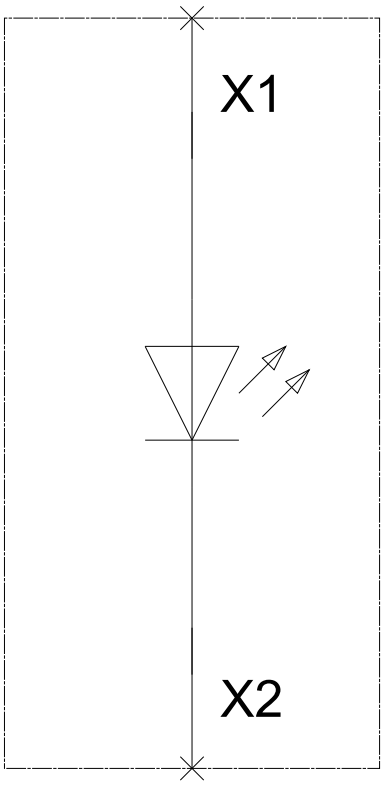
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BB50-3AA0&lang=en

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24 V AC/DC



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