

LED module with integrated LED 24 V AC/DC, blue, screw-type terminal, for front plate 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	
• 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
• .	AC/DC
Surge voltage resistance rated value	4 kV
Consumed current	
• 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
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	24 V
— at 60 Hz rated value	24 V
• at DC rated value	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	screw-type terminals
Type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm ²)
• solid without core end processing	2x (1.0 ... 1.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• finely stranded without core end processing	2x (1,0 ... 1,5 mm ²)
• at AWG conductors	2x (18 ... 14)
Tightening torque	
• with screw-type terminals	0.8 ... 0.9 N·m

Lamp

Type of light source	LED
Color of the light source	blue
Light intensity	280 ... 710 mcd
Certificate of suitability	
• ATEX	No
• IECEx	No

Ambient conditions

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




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

Mounting type	
• 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	
					
CCC	CSA	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				
			Confirmation		
RINA	RMRS	DNV-GL			

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=3SU1401-1BB50-1AA0>

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

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

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