

LED module with integrated LED, green, soldered connection, for use on printed circuit boards



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	30 V
Degree of pollution	3
Type of voltage	
• of the operating voltage	DC
• for actuation	DC
Surge voltage resistance rated value	0.8 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
Operating voltage	
• at DC	
— rated value	5 ... 5 V
Operating voltage 1	
• at DC rated value	5 V
Relative positive tolerance of the operating voltage	20 %
Relative negative tolerance of the operating voltage	20 %

Control circuit/ Control

Inrush current maximum	0.1 A
-------------------------------	-------

Connections/Terminals

Type of electrical connection	Socket connection (THT)
--------------------------------------	-------------------------

Lamp

Type of light source	LED
Color of the light source	green
Light intensity	900 ... 1 400 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, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted)

Installation/ mounting/ dimensions

Mounting type	
• of modules and accessories	Printed circuit board
Height	8.1 mm
Width	8.1 mm
Depth	30.6 mm

Certificates/approvals

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

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=3SU1401-3BA40-5AA0>

Cax online generator

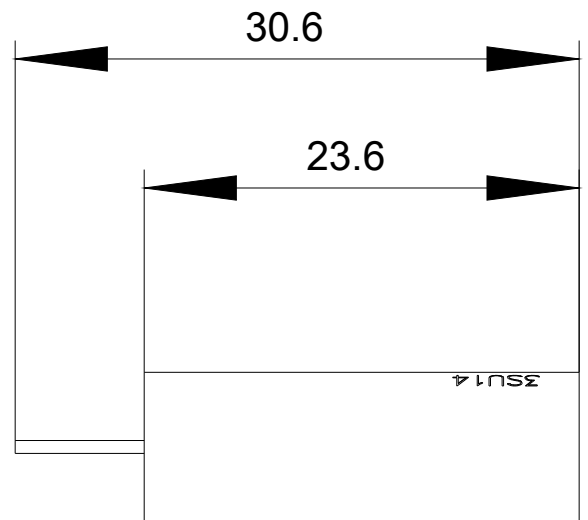
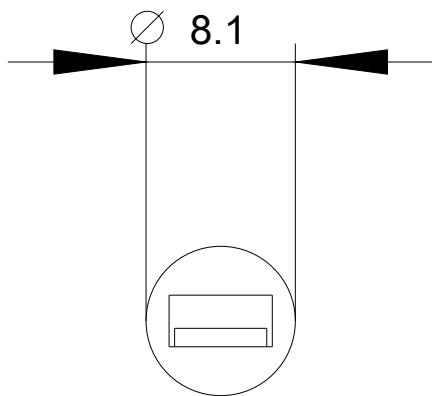
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-3BA40-5AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-3BA40-5AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-3BA40-5AA0&lang=en



last modified:

05/24/2018