SIEMENS

Data sheet 3SU1401-3BA50-5AA0



LED module with integrated LED, 5 V DC, blue, solder terminal, for use on printed circuit boards

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	
● **according to IEC 60068-2-27**	sinusoidal half-wave 15 g / 11 ms
● for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
● **according to IEC 60068-2-6**	10 ... 500 Hz: 5 g
● for railway applications according to EN 61373	Category 1, Class B
operating period typical	100 000 h
reference code according to IEC 81346-2	P
Substance Prohibitance (day/month/year)	10/01/2014
Net Weight	3 g
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)

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Lamp	
type of light source	LED
color of the light source	blue
light intensity	280 ... 710 mcd
ATEX	
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 according to IEC 60721	3M6, 3S2, 3B2, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted)
Installation/ mounting/ dimensions	
fastening method	
● of modules and accessories	Printed circuit board
height	8.1 mm
width	8.1 mm
depth	30.6 mm
Environmental footprint	
Environmental Product Declaration(EPD)	Yes
global warming potential [CO2 eq] total	0.787 kg
global warming potential [CO2 eq] during manufacturing	0.566 kg
global warming potential [CO2 eq] during operation	0.235 kg
global warming potential [CO2 eq] after end of life	-0.015 kg
Approvals Certificates	
Environmental Product Declaration	
● global warming potential [CO2 eq] / during manufacturing	0.566 kg
● global warming potential [CO2 eq] / during operation	0.235 kg
● global warming potential [CO2 eq] / after end of life	-0.0145 kg
● global warming potential [CO2 eq] / total	0.787 kg

Environment

Environmental Confirmations

General Product Approval

General Product Approval

Test Certificates

Type Test Certificates/Test Report

Special Test Certificate

Maritime application

Maritime application

other

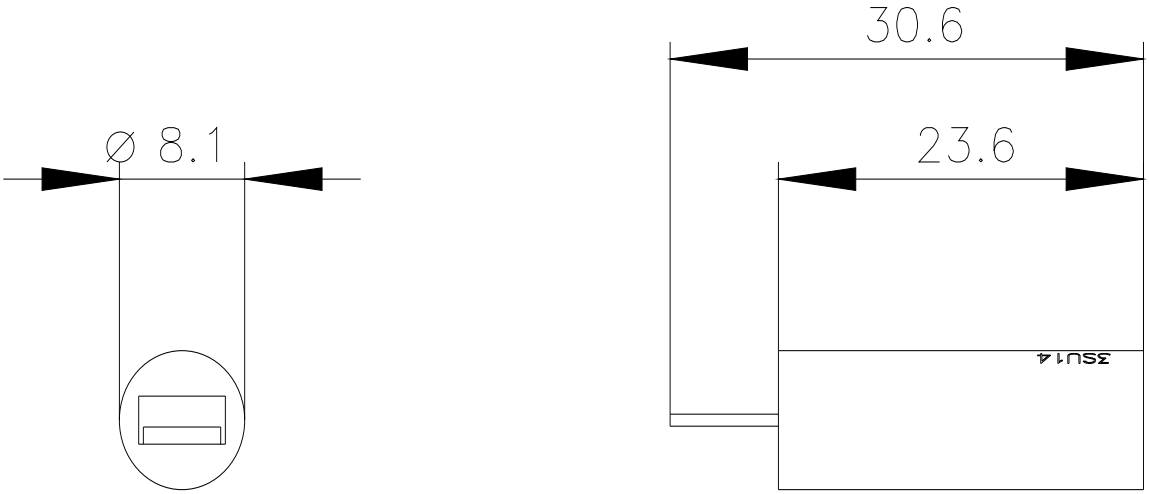
Confirmation

Further information

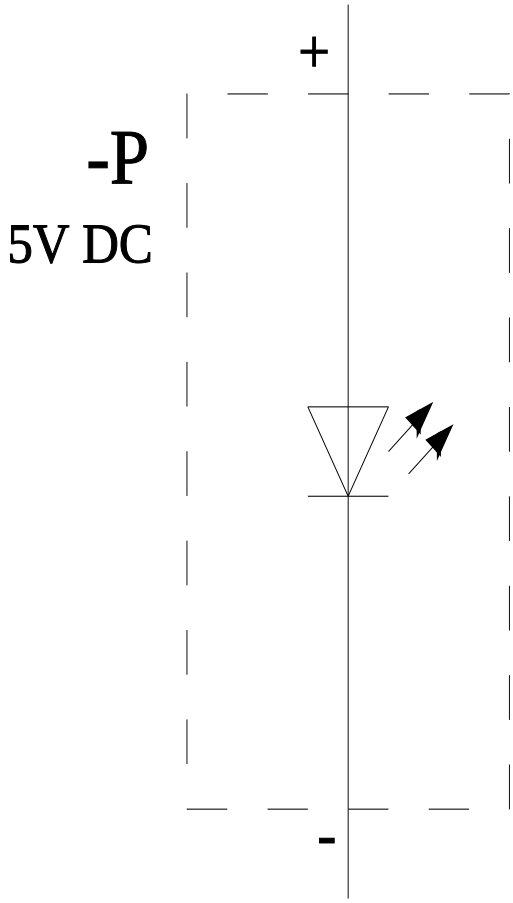
Information on the packaging
https://support.industry.siemens.com/cs/ww/en/view/109813875
Information for data generation and storage
https://support.industry.siemens.com/cs/ww/en/view/109995012
Information- and Downloadcenter (Catalogs, Brochures,…)
https://www.siemens.com/ic10

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Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-3BA50-5AA0
Cax online generator
https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-3BA50-5AA0
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-3BA50-5AA0
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-3BA50-5AA0&lang=en



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