



LED module with integrated LED 5 V DC, green, solder terminal, for use on printed circuit boards, Z=50-unit packaging

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 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• 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 (Date)	10/01/2014
SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8
Net Weight	0.008 kg
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	
ATEX		
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 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	
Approvals Certificates		
Environmental Product Declaration		
• global warming potential [CO2 eq] / during manufacturing • global warming potential [CO2 eq] / during operation • global warming potential [CO2 eq] / after end of life • global warming potential [CO2 eq] / total	0.566 kg 0.235 kg -0.0145 kg 0.787 kg	
Environment	General Product Approval	
   Environmental Confirmations   		
General Product Approval	Test Certificates	Maritime application
	Type Test Certificates/Test Report Special Test Certificate	  
Maritime application	other	
	Confirmation 产品合格 QC PASS	
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		
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-3BA40-5AA0-Z X90		
Cax online generator https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-3BA40-5AA0-Z X90		
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-3BA40-5AA0-Z X90		
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-3BA40-5AA0-Z X90&lang=en		



