



LED module with integrated LED 110 V AC, green, spring-type terminal, for floor mounting, Z=50-unit packaging

product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
product component	
<ul style="list-style-type: none"> • diode 	Yes
<ul style="list-style-type: none"> • lamp transformer 	No
<ul style="list-style-type: none"> • light source 	Yes
<ul style="list-style-type: none"> • series resistor 	No
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	AC
<ul style="list-style-type: none"> • for actuation 	AC
surge voltage resistance rated value	4 kV
consumed current maximum	20 mA
protection class IP	
<ul style="list-style-type: none"> • of the enclosure 	IP40
<ul style="list-style-type: none"> • of the terminal 	IP20
shock resistance	
<ul style="list-style-type: none"> • according to IEC 60068-2-27 	sinusoidal half-wave 15g / 11 ms
<ul style="list-style-type: none"> • for railway applications according to EN 61373 	Category 1, Class B
vibration resistance	
<ul style="list-style-type: none"> • according to IEC 60068-2-6 	10 ... 500 Hz: 5g
<ul style="list-style-type: none"> • 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)	03/01/2017
operating voltage 1	
<ul style="list-style-type: none"> • at AC 	
<ul style="list-style-type: none"> — at 50 Hz rated value 	110 V
<ul style="list-style-type: none"> — at 60 Hz rated value 	110 V
relative positive tolerance of the operating voltage	20 %
relative negative tolerance of the operating voltage	20 %
Control circuit/ Control	
inrush current maximum	3 A
Connections/ Terminals	
type of electrical connection	spring-loaded terminals
type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • solid without core end processing 	2x (0.25 ... 1.5 mm ²)

<ul style="list-style-type: none"> finely stranded with core end processing finely stranded without core end processing at AWG cables 	2x (0.25 ... 0.75 mm ²) 2x (0.25 ... 1.5 mm ²) 2x (24 ... 16)
Lamp	
type of light source	LED
color of the light source	green
light intensity	900 ... 1 400 mcd
certificate of suitability	
<ul style="list-style-type: none"> ATEX IECEX 	No No
Ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> during operation during storage 	-25 ... +70 °C -40 ... +80 °C
environmental category during operation according to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted)
Installation/ mounting/ dimensions	
fastening method	
<ul style="list-style-type: none"> of modules and accessories 	Floor mounting
height	36 mm
width	9.8 mm
depth	29.4 mm
suitability for integration	
<ul style="list-style-type: none"> plastic enclosure metal enclosure 	Yes Yes
Certificates/ approvals	
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=3SU1401-2BC40-3AA0-Z X90	
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BC40-3AA0-Z X90	
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BC40-3AA0-Z X90	
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BC40-3AA0-Z X90&lang=en	

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