



LED module with integrated LED 110 V AC, amber, screw terminal, for floor mounting

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 • lamp transformer • light source • series resistor 	<p>Yes</p> <p>No</p> <p>Yes</p> <p>No</p>
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 • of the terminal 	<p>IP40</p> <p>IP20</p>
shock resistance	
<ul style="list-style-type: none"> • according to IEC 60068-2-27 • for railway applications according to EN 61373 	<p>sinusoidal half-wave 15g / 11 ms</p> <p>Category 1, Class B</p>
vibration resistance	
<ul style="list-style-type: none"> • according to IEC 60068-2-6 • for railway applications according to EN 61373 	<p>10 ... 500 Hz: 5g</p> <p>Category 1, Class B</p>
operating period typical	100 000 h
reference code according to IEC 81346-2	P
Substance Prohibitance (Date)	10/01/2014
operating voltage 1	
<ul style="list-style-type: none"> • at AC — at 50 Hz rated value — at 60 Hz rated value 	<p>110 V</p> <p>110 V</p>
relative positive tolerance of the operating voltage	20 %
relative negative tolerance of the operating voltage	20 %

Control circuit/ Control

inrush current maximum	3 A
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Connections/ Terminals

type of electrical connection	screw-type terminals
type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • solid with core end processing • solid without core end processing • finely stranded with core end processing 	<p>2x (0.5 ... 0.75 mm²)</p> <p>2x (1.0 ... 1.5 mm²)</p> <p>2x (0.5 ... 1.5 mm²)</p>

<ul style="list-style-type: none"> finely stranded without core end processing at AWG cables 	2x (1,0 ... 1,5 mm ²)
tightening torque with screw-type terminals	2x (18 ... 14) 0.8 ... 0.9 N·m

Lamp	
type of light source	LED
color of the light source	amber
light intensity	450 ... 1 120 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	33.2 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	
General Product Approval	Declaration of Conformity

[Confirmation](#)



Test Certificates	Marine / Shipping
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[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)



Marine / Shipping	other
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[Environmental Confirmations](#)

[Confirmation](#)

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=3SU1401-2BC00-1AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BC00-1AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BC00-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BC00-1AA0&lang=en



