



LED module with integrated LED 230 V AC, red, spring-type 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 Prohibition (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>230 V</p> <p>230 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	spring-loaded terminals
type of connectable conductor cross-sections	
<ul style="list-style-type: none"> • solid without core end processing • finely stranded with core end processing • finely stranded without core end processing 	<p>2x (0.25 ... 1.5 mm²)</p> <p>2x (0.25 ... 0.75 mm²)</p> <p>2x (0.25 ... 1.5 mm²)</p>

- at AWG cables

2x (24 ... 16)

Lamp

type of light source	LED
color of the light source	red
light intensity	450 ... 1 120 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 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	
• of modules and accessories	Floor mounting
height	36 mm
width	9.8 mm
depth	29.4 mm
suitability for integration	
• plastic enclosure	Yes
• metal enclosure	Yes

Certificates/ approvals

General Product Approval

EMC



[Confirmation](#)



Declaration of Conformity

Test Certificates

Marine / Shipping



EG-Konf.

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



ABS



LRS

Marine / Shipping

other



PRS



RINA



RMRS

[Environmental Confirmations](#)

[Confirmation](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3SU1401-2BF20-3AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-2BF20-3AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BF20-3AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-2BF20-3AA0&lang=en



