



LED module with integrated LED 230 V AC, amber, 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 	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)	10/01/2014
operating voltage 1	
<ul style="list-style-type: none"> • at AC 	
<ul style="list-style-type: none"> — at 50 Hz rated value 	230 V
<ul style="list-style-type: none"> — at 60 Hz rated value 	230 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)

- finely stranded with core end processing 2x (0.25 ... 0.75 mm²)
- finely stranded without core end processing 2x (0.25 ... 1.5 mm²)
- at AWG cables 2x (24 ... 16)

Lamp

type of light source	LED
color of the light source	amber
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	Declaration of Conformity
Confirmation  CCC  UL	 EAC  UKCA  CE <small>EG-Konf.</small>

Test Certificates	Marine / Shipping
Special Test Certificate Type Test Certificates/Test Report	 ABS  Lloyd's Register <small>LRS</small>  PRS  RINA

Marine / Shipping	other
 RMRS	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?mfb=3SU1401-2BF00-3AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3SU1401-2BF00-3AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-2BF00-3AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3SU1401-2BF00-3AA0&lang=en

last modified:

3/9/2022 