



LED module with integrated LED, 24-240 V AC/DC, white, screw terminal, for front plate 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/DC
<ul style="list-style-type: none"> • for actuation 	AC/DC
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	
<ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — at 50 Hz rated value 	24 ... 240 V
<ul style="list-style-type: none"> — at 60 Hz rated value 	24 ... 240 V
<ul style="list-style-type: none"> • at DC rated value 	24 ... 240 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	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 • finely stranded without core end processing • at AWG cables 	2x (0.5 ... 0.75 mm ²) 2x (1.0 ... 1.5 mm ²) 2x (0.5 ... 1.5 mm ²) 2x (1,0 ... 1,5 mm ²) 2x (18 ... 14)
tightening torque with screw-type terminals	0.8 ... 0.9 N·m

Lamp	
type of light source	LED
color of the light source	white
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 	Front plate 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	EMC



[Confirmation](#)



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

[Special Test Certificate](#)



Marine / Shipping	other
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[Environmental Conformations](#)

[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

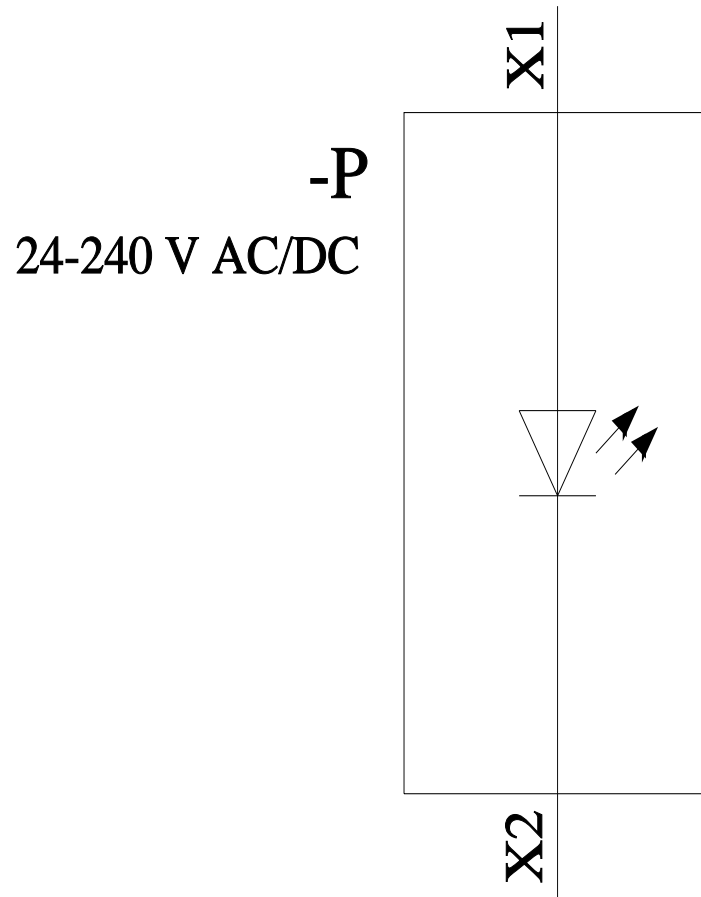
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BH60-1AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BH60-1AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BH60-1AA0>



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