

LED module with integrated LED, 24-240 V AC/DC, red, screw terminal, for front plate mounting



product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1

General technical data	
product component	
• diode	Yes
• lamp transformer	No
• light source	Yes
• series resistor	No
insulation voltage	
• rated value	320 V
degree of pollution	3
type of voltage	
• of the operating voltage	AC/DC
• of the operating voltage for actuation	AC/DC
surge voltage resistance rated value	4 kV
consumed current	
• maximum	20 mA
protection class IP	

• of the enclosure • of the terminal	IP40 IP20
shock resistance • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373	Sinusoidal half-wave 50g / 11 ms Category 1, Class B
vibration resistance • acc. to IEC 60068-2-6 • for railway applications acc. to DIN EN 61373	10 ... 500 Hz: 5g Category 1, Class B
operating period typical	100 000 h
reference code acc. to IEC 81346-2	P
operating voltage • at AC — at 50 Hz rated value — at 60 Hz rated value • at DC — rated value	24 ... 240 V 24 ... 240 V 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
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Connections/ Terminals

type of electrical connection	screw-type terminals
type of connectable conductor cross-sections • 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	red
light intensity	450 ... 1 120 mcd
certificate of suitability • ATEX • IECEx	No No

Ambient conditions

environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 ... 95 %, no condensation in operation permitted)
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Installation/ mounting/ dimensions

fastening method	
• of modules and accessories	Front plate mounting
height	33.2 mm
width	9.8 mm
depth	29.4 mm

Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity
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CSA

CCC

UL

RCM

EG-Konf.

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

[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)



ABS



LRS



PRS

Marine / Shipping	other
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RINA



RMRS

[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=3SU1401-1BH20-1AA0>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BH20-1AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BH20-1AA0>

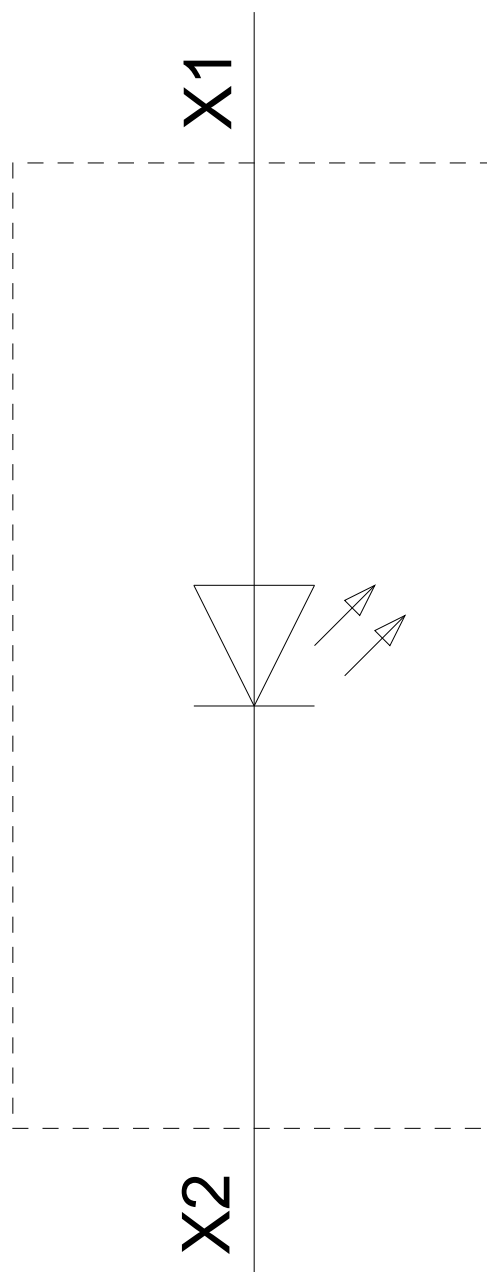
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BH20-1AA0&lang=en



24-240 V AC/DC

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