

LED module with integrated LED 24 V AC/DC, red, screw terminal, for front plate mounting, Z = minimum order quantity 1 or a multiple thereof



product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
product component diode	Yes
product component lamp transformer	No
product component light source	Yes
product component 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	25 mA
protection class IP	
of the enclosure	IP40
of the terminal	IP20

• shock resistance acc. to IEC 60068-2-27 • Shock resistance 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 • Vibration resistance 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 DIN EN 81346-2	P
reference code acc. to DIN EN 61346-2	P
Operating voltage 1	
• at AC — at 50 Hz rated value — at 60 Hz rated value • at DC rated value	24 V 24 V 24 V
Relative positive tolerance of the operating voltage	20 %
Relative negative tolerance of the operating voltage	20 %

Control circuit/ Control

inrush current maximum	2 A
-------------------------------	-----

Connections/ Terminals

• type of electrical connection	screw-type terminals
• Type of connectable conductor cross-sections solid with core end processing	2x (0.5 ... 0.75 mm ²)
• Type of connectable conductor cross-sections solid without core end processing	2x (1.0 ... 1.5 mm ²)
• Type of connectable conductor cross-sections finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• Type of connectable conductor cross-sections finely stranded without core end processing	2x (1,0 ... 1,5 mm ²)
• type of connectable conductor cross-sections at AWG conductors	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	No
• certificate of suitability IECEx	No

Ambient conditions

• ambient temperature during operation • ambient temperature during storage	-25 ... +70 °C -40 ... +80 °C
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)

Installation/ mounting/ dimensions	
• Mounting type 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	
 CCC	 CSA	 EAC	 RCM	Miscellaneous	 EG-Konf.

Test Certificates	Marine / Shipping				
Type Test Certificates/Test Report	Special Test Certificate	 ABS	 LRS	 PRS	 RINA

Marine / Shipping	other
 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=3SU1401-1BB20-1AA0-Z X01>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BB20-1AA0-Z X01>

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

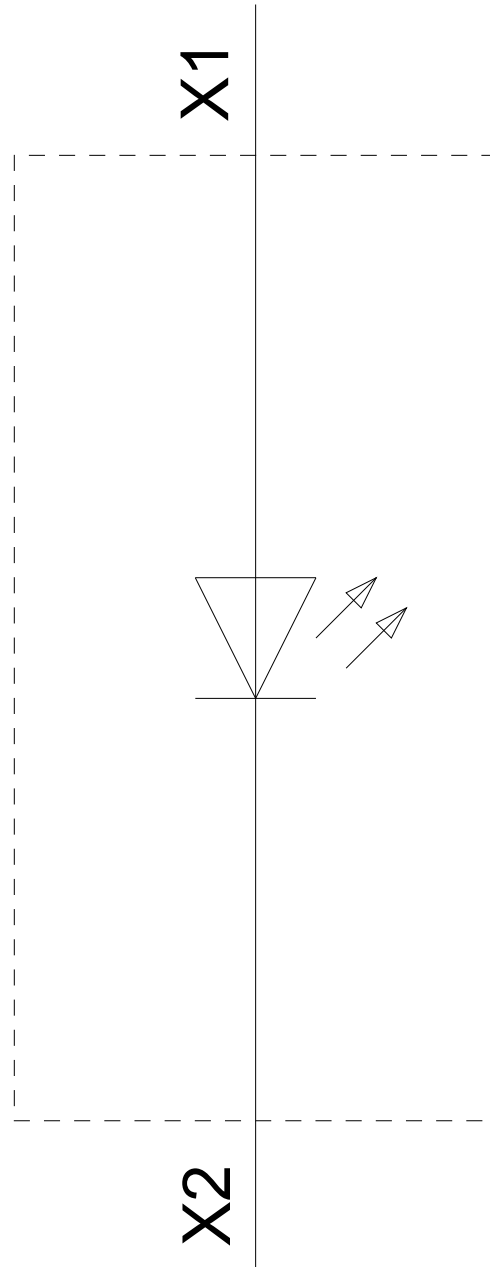
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BB20-1AA0-Z X01>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BB20-1AA0-Z X01&lang=en



24 V AC/DC
-P



last modified:

08/19/2020