

LED module w. indicator lights With integrated LED 24 V DC, red-yellow-green, 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	40 mA
Protection class IP	

<ul style="list-style-type: none"> • of the enclosure • of the terminal 	IP40 IP20
Shock resistance <ul style="list-style-type: none"> • acc. to IEC 60068-2-27 • for railway applications acc. to DIN EN 61373 	Sinusoidal half-wave 50 g / 11 ms Category 1, Class B
Vibration resistance <ul style="list-style-type: none"> • 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 DIN EN 81346-2	P
Reference code acc. to DIN EN 61346-2	P
Operating voltage 1 <ul style="list-style-type: none"> • at AC <ul style="list-style-type: none"> — at 50 Hz rated value • at DC rated value 	24 V 24 V
Relative positive tolerance of the operating voltage	20 %
Relative negative tolerance of the operating voltage	10 %

Control circuit/ Control

Inrush current maximum	2 A
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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 conductors 	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 <ul style="list-style-type: none"> • with screw-type terminals 	0.8 ... 0.9 N·m

Lamp

Type of light source	LED
Color of the light source	red/yellow/ green
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 acc. to IEC 60721	3M6, 3S2, 3B2, 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	36 mm
Width	9.8 mm
Depth	49.7 mm

Certificates/ approvals

General Product Approval	EMC	Declaration of Conformity	Test Certificates
	 RCM	Miscellaneous  EG-Konf.	Type Test Certificates/Test Report Special Test Certificate

Marine / Shipping	other				
 ABS	 LRS	 PRS	 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=3SU1401-1BB24-1AA0>

Cax online generator

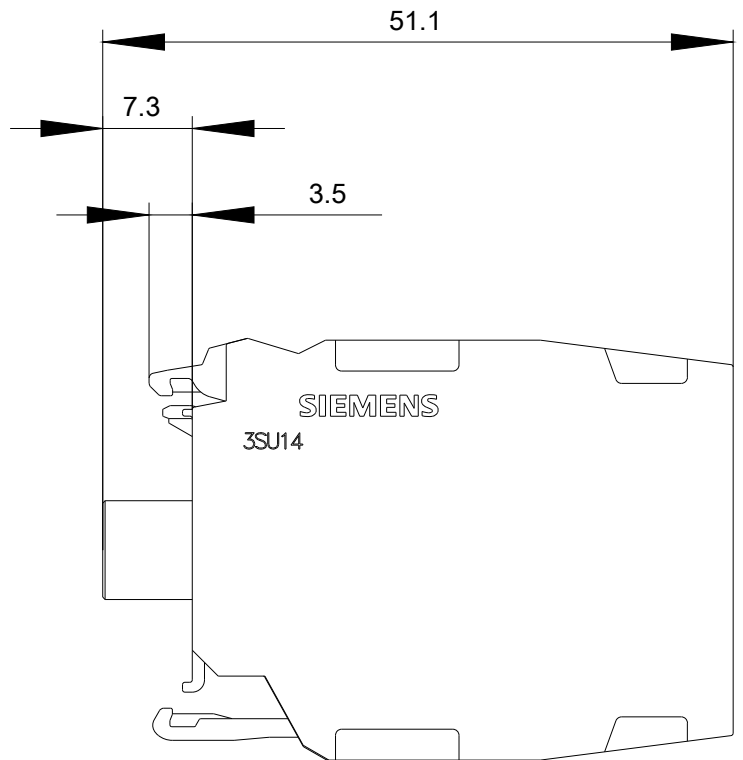
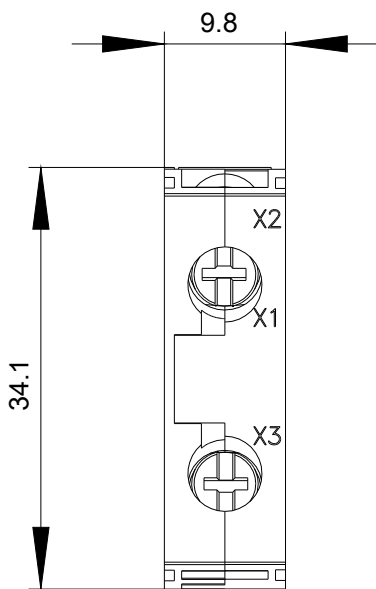
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BB24-1AA0>

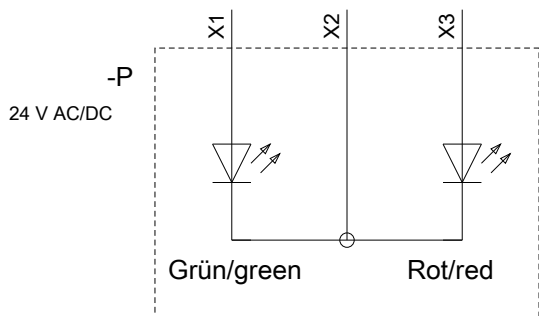
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BB24-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BB24-1AA0&lang=en





X1	X2	X3	Farbe/color
X	X		Grün/green
	X	X	Rot/red
X	X	X	Gelb/yellow

last modified:

05/15/2020