

Siemens
EcoTech



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
• 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, clamping screw tightened
shock resistance	
• according to IEC 60068-2-27	sinusoidal half-wave 15g / 11 ms
• for railway applications according to EN 61373	Category 1, Class B
vibration resistance	
• according to IEC 60068-2-6	10 ... 500 Hz: 5g
• 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
SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8
Weight	0.017 kg
operating voltage 1	
• at AC	
— at 50 Hz rated value	24 V
• at DC rated value	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

Connections/ Terminals	
type of electrical connection	screw terminal
type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm ²)
• solid without core end processing	2x (1.0 ... 1.5 mm ²)
• finely stranded with core end processing	2x (0.5 ... 1.5 mm ²)
• finely stranded without core end processing	2x (1.0 ... 1.5 mm ²)
• for AWG cables	2x (18 ... 14)
connectable conductor cross-section finely stranded with core end processing	0.5 ... 1.5 mm ²
tightening torque with screw-type terminals	0.8 ... 0.9 N·m

Lamp	
type of light source	LED
color of the light source	red/yellow/ green

ATEX	
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, 3K6 (with relative air humidity of 10 ... 95%, no condensation in operation permitted)

Environmental footprint	
Environmental Product Declaration (EPD)	Yes
Global Warming Potential [CO ₂ eq] total	0.787 kg
Global Warming Potential [CO ₂ eq] during manufacturing	0.566 kg
Global Warming Potential [CO ₂ eq] during operation	0.235 kg
Global Warming Potential [CO ₂ eq] after end of life	-0.015 kg
Siemens Eco Profile (SEP)	Siemens EcoTech

Installation/ mounting/ dimensions	
fastening method	
• of modules and accessories	Front plate mounting
height	36 mm
width	9.8 mm
depth	49.7 mm

Approvals Certificates		
General Product Approval	EMV	Test Certificates

[Confirmation](#)



[Type Test Certificates/Test Report](#)

Test Certificates	other	Environment
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[Special Test Certificate](#)

[Confirmation](#)



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[Environmental Confirmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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

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

Industry Mall (Online ordering system)

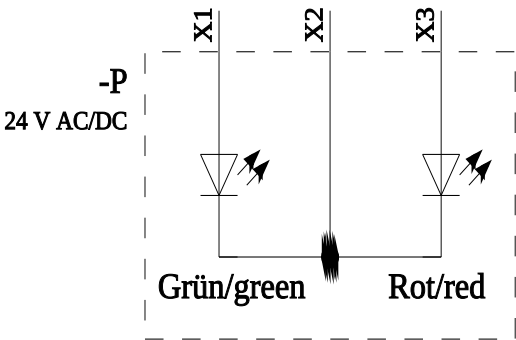
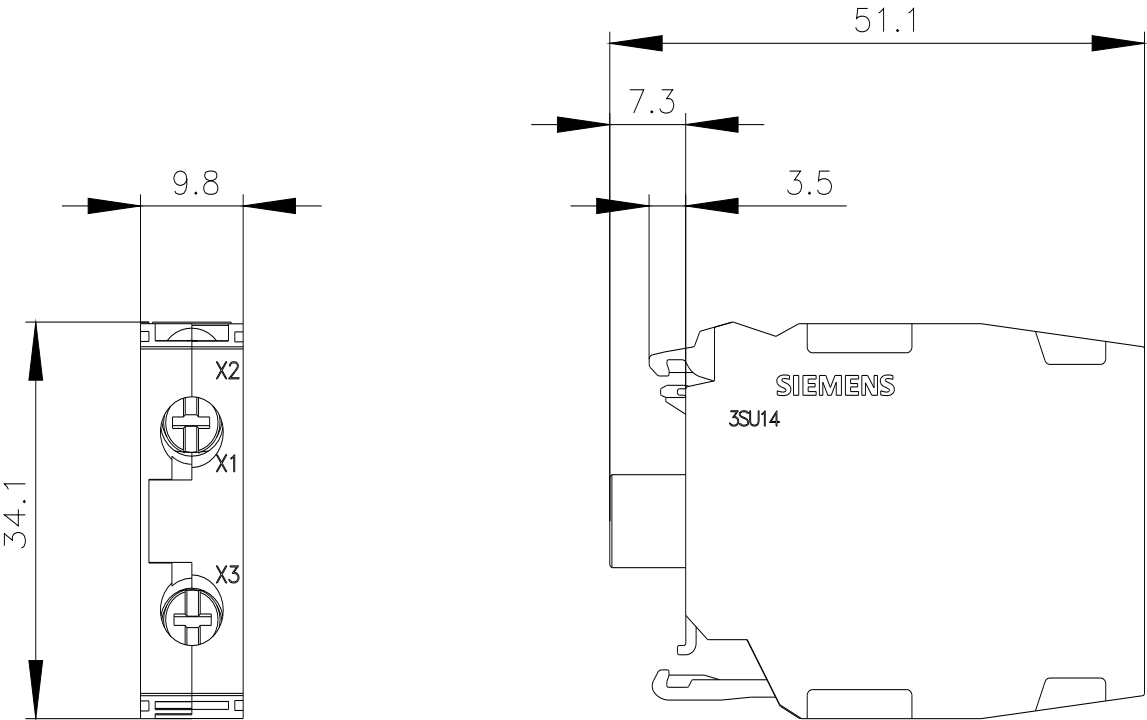
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BB24-1AA0>

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>



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

