

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 2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one - 71868-10-5 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329) - 3147-75-9
Net Weight	16 g
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 mm²)
• solid without core end processing		2x (1.0 ... 1.5 mm²)
• finely stranded with core end processing		2x (0.5 ... 1.5 mm²)
• finely stranded without core end processing		2x (1,0 ... 1,5 mm²)
• for AWG cables		2x (18 ... 14)
connectable conductor cross-section finely stranded with core end processing		0.5 ... 1.5 mm²
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)
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		
Environmental Product Declaration		
• global warming potential [CO2 eq] / during manufacturing		0.566 kg
• global warming potential [CO2 eq] / during operation		0.235 kg
• global warming potential [CO2 eq] / after end of life		-0.0145 kg
• global warming potential [CO2 eq] / total		0.787 kg
Environment		General Product Approval

EMV	Test Certificates	Maritime application
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Maritime application	other
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Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

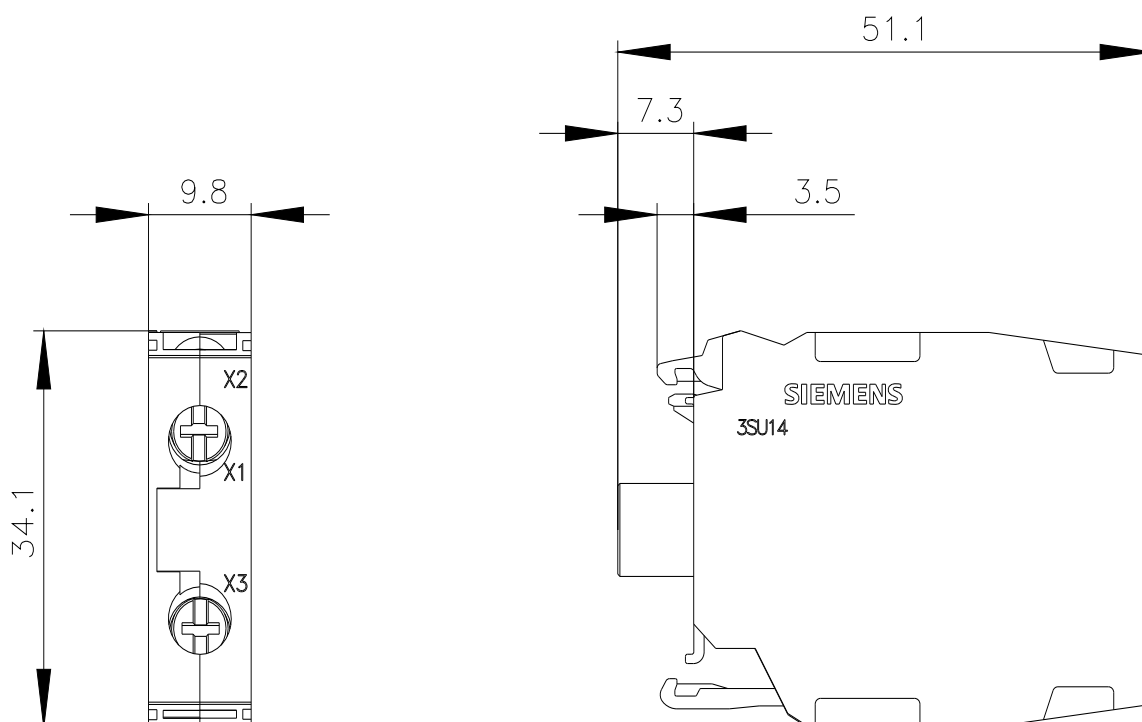
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BB24-1AA0>

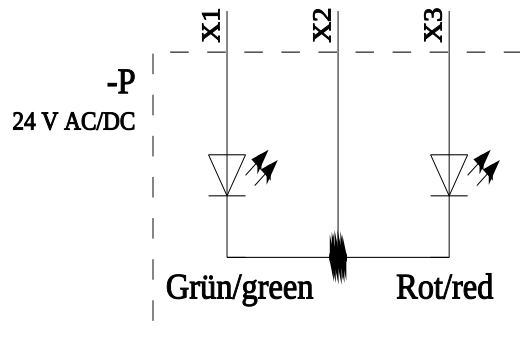
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<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, ...)

https://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:

4/2/2025 [🔗](#)