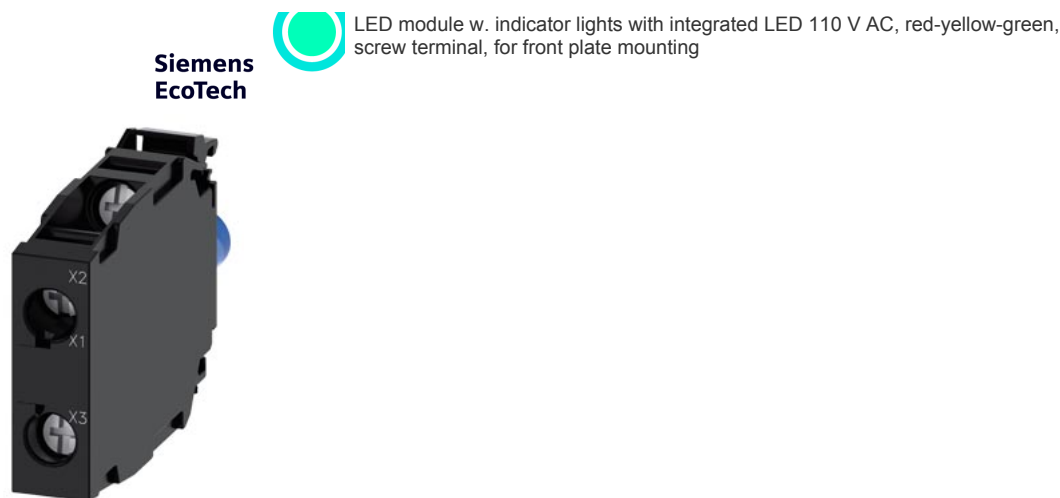




product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
product component	
• diode	Yes
• lamp transformer	No
• light source	Yes
• series resistor	No
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	
•	AC/DC
• for actuation	AC/DC
surge voltage resistance rated value	4 kV
consumed current maximum	20 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
operating voltage 1	
• at AC	
— at 50 Hz rated value	110 V
• at DC rated value	110 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-type terminals
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
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 [CO2 eq] total		0.787 kg
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		-0.015 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
  Confirmation   		
Test Certificates		
Special Test Certificate Type Test Certificates/Test Report		Marine / Shipping
   		
other		Environment
Confirmation    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=3SU1401-1BC24-1AA0>

Cax online generator

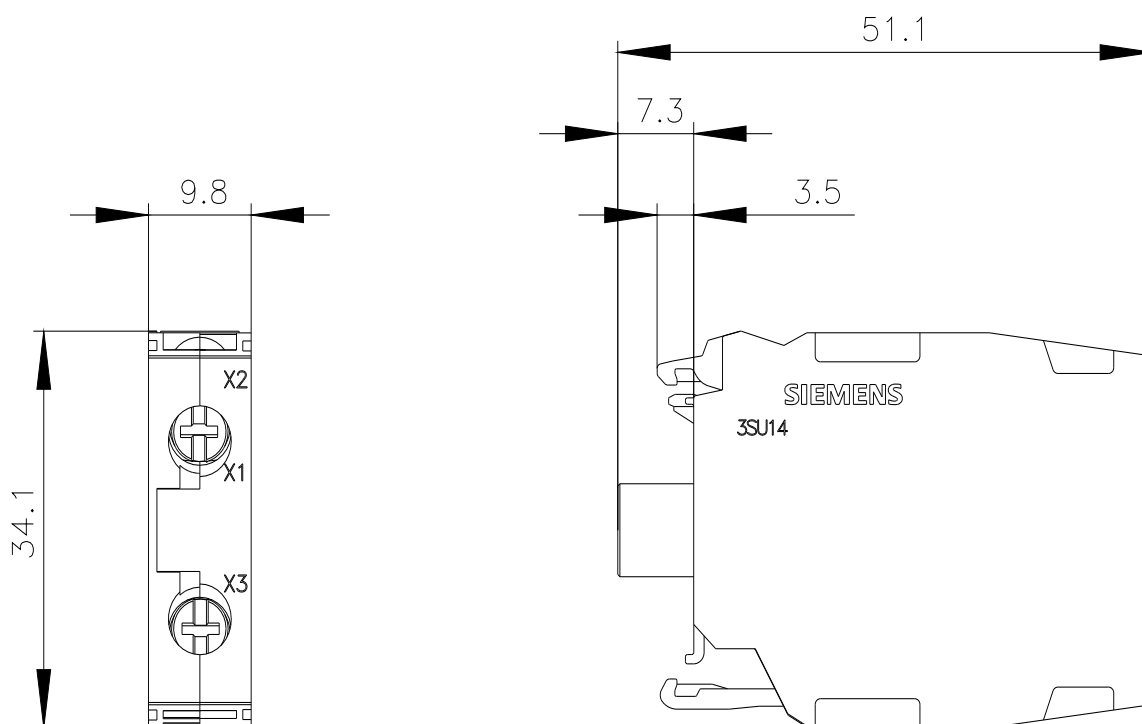
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BC24-1AA0>

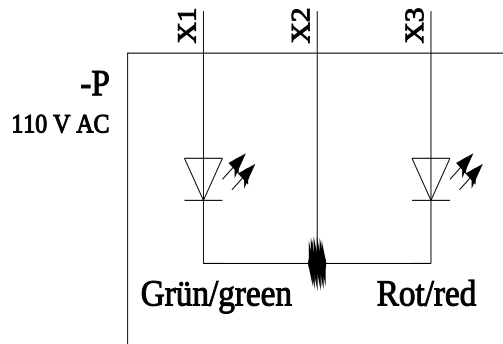
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BC24-1AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BC24-1AA0&lang=en





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

last modified:

3/11/2024 