



LED module with integrated LED 6-24V AC/DC white, 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	30 mA
protection class IP	
• of the enclosure	IP40
• of the terminal	IP20
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 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7
Weight	0.01 kg
operating voltage	
• at AC	
— at 50 Hz rated value	6 ... 24 V
— at 60 Hz rated value	6 ... 24 V
• at DC rated value	6 ... 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 terminal	
type of connectable conductor cross-sections		- solid with core end processing2x (0.5 ... 0.75 mm²) - solid without core end processing2x (1.0 ... 1.5 mm²) - finely stranded with core end processing2x (0.5 ... 1.5 mm²) - finely stranded without core end processing2x (1,0 ... 1,5 mm²) - for AWG cables2x (18 ... 14)	
solid with core end processing			
solid without core end processing			
finely stranded with core end processing			
finely stranded without core end processing			
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		white	
light intensity		900 ... 1 400 mcd	
ATEX			
certificate of suitability		- ATEXNo - IECExNo	
ATEX			
IECEx			
Ambient conditions			
ambient temperature		- during operation-25 ... +70 °C - during storage-40 ... +80 °C	
during operation			
during storage			
environmental category during operation according to IEC 60721		3M6, 3S2, 3B2, 3C3, 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 accessoriesFront plate mounting	
of modules and accessories			
height		33.2 mm	
width		9.8 mm	
depth		29.4 mm	
Approvals Certificates			
General Product Approval		EMV	Test Certificates



[Special Test Certificate](#)

Test Certificates	other	Environment
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[Type Test Certificates/Test Report](#)

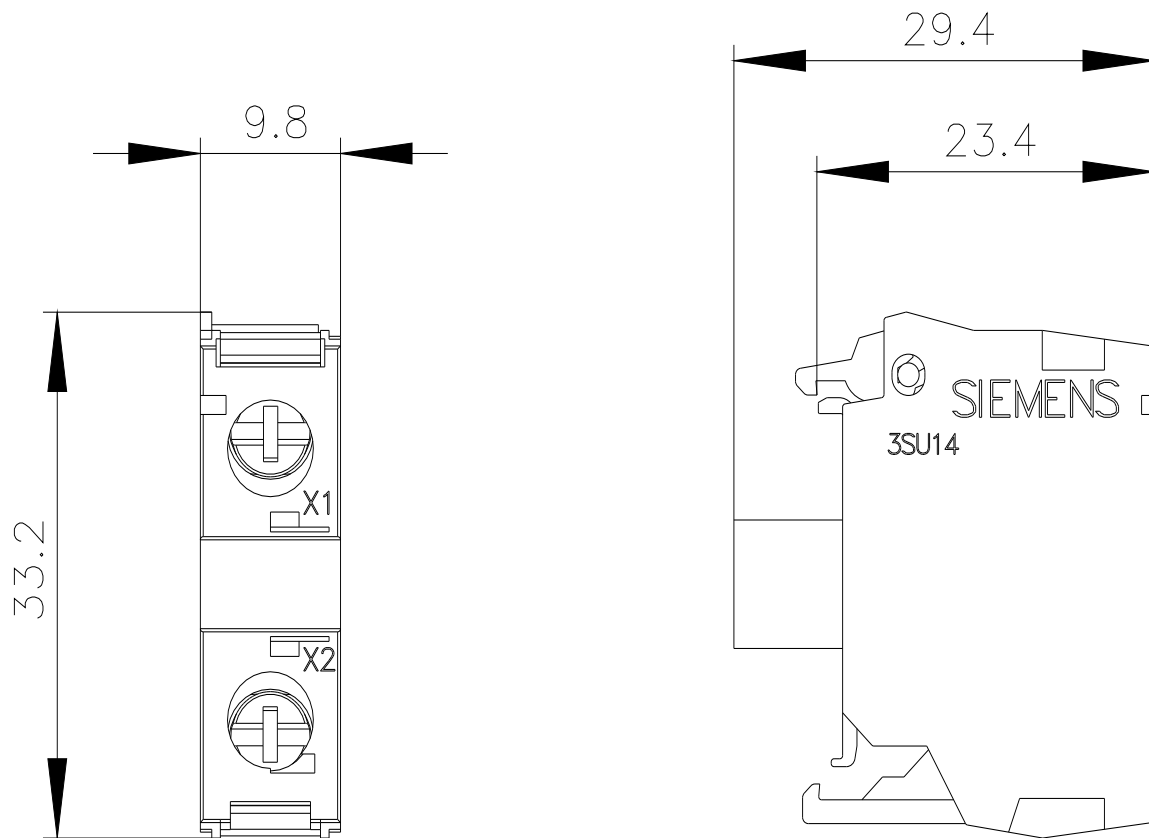
[Confirmation](#)

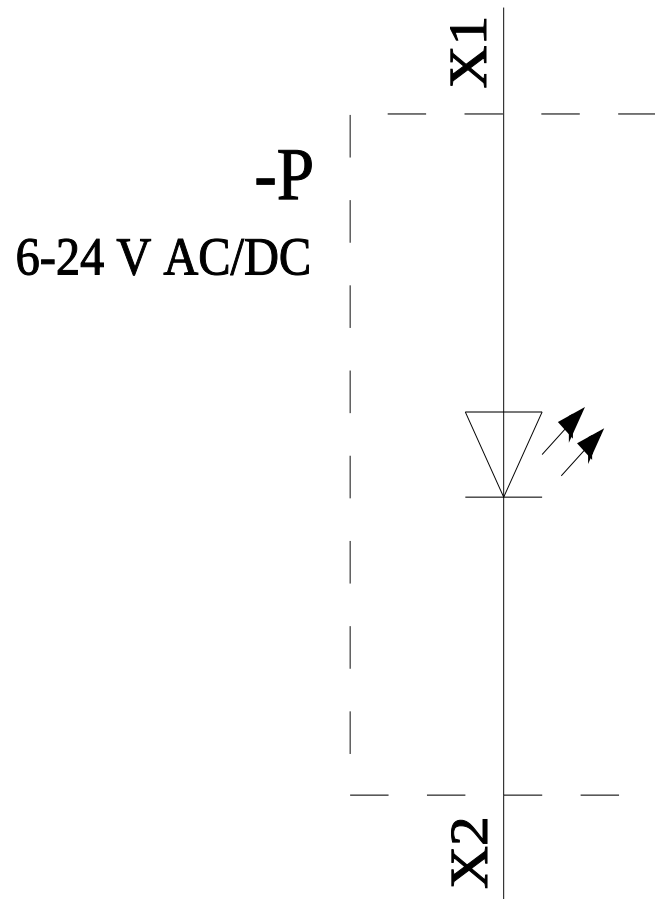


[Environmental Confirmations](#)

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=3SU1401-1BG60-1AA0>





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