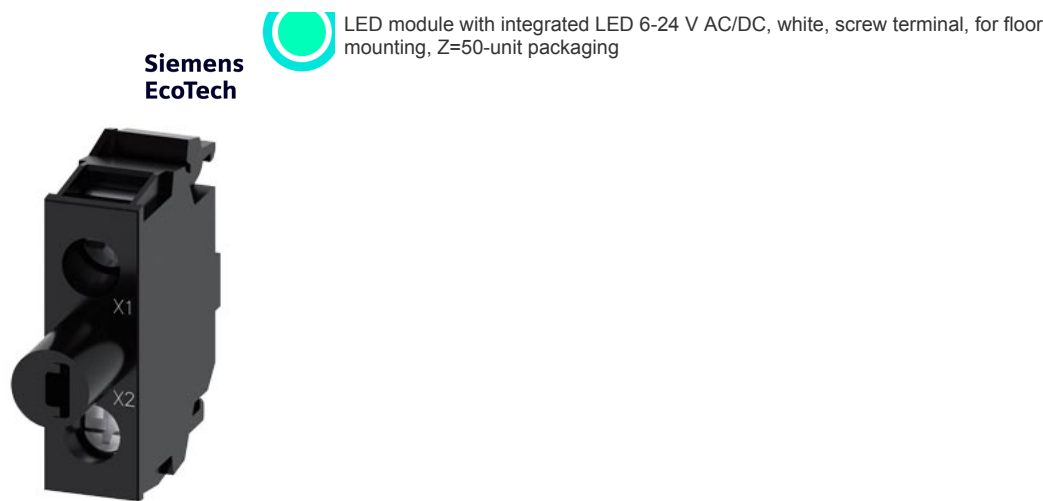




product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
product component	
• diode	Yes
• lamp transformer	No
• light source	Yes
• series resistor	No
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	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)	03/01/2017
SVHC substance name	Lead monoxide (lead oxide) - 1317-36-8 2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol - 79-94-7
Weight	0.008 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)			
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			
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, 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 accessoriesFloor mounting			
height	33.2 mm			
width	9.8 mm			
depth	29.4 mm			
Approvals Certificates				
General Product Approval		EMV	Test Certificates	



[Special Test Certificate](#)

[Type Test Certificates/Test Report](#)

other

Environment

[Confirmation](#)



Siemens
EcoTech



[Environmental Confirmations](#)

Further information

Information on the packaging

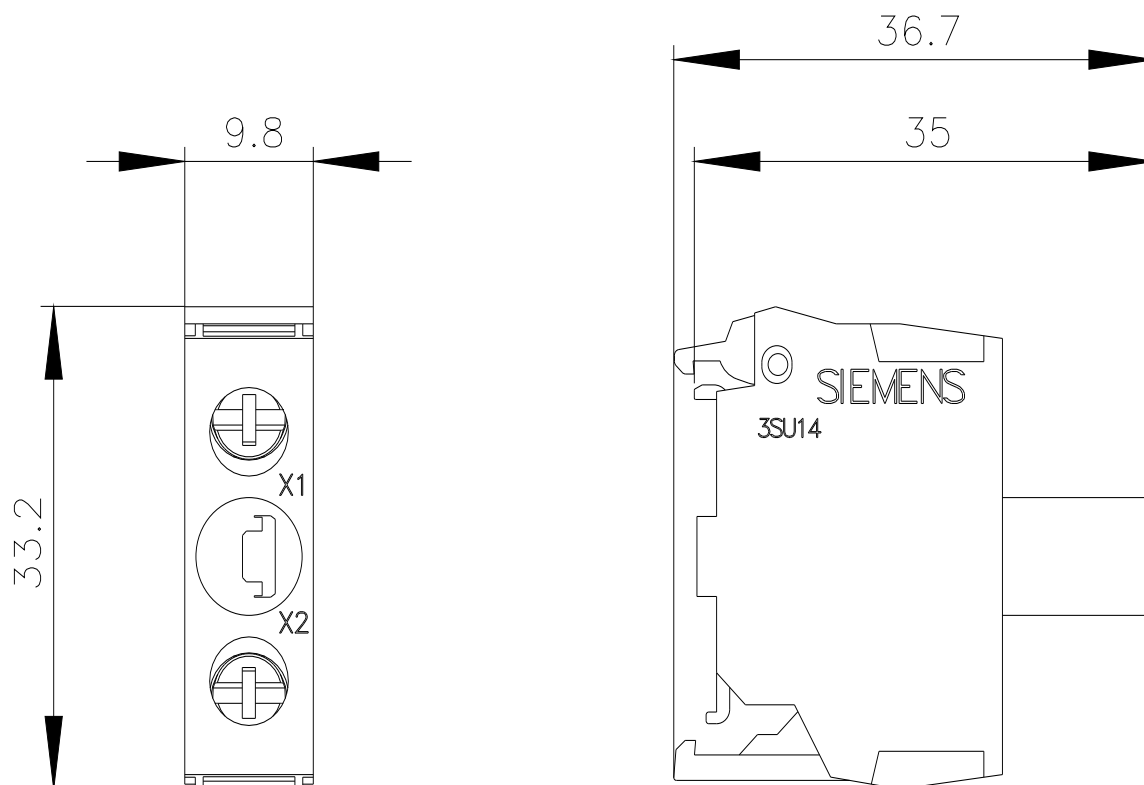
<https://support.industry.siemens.com/cs/ww/en/view/109813875>

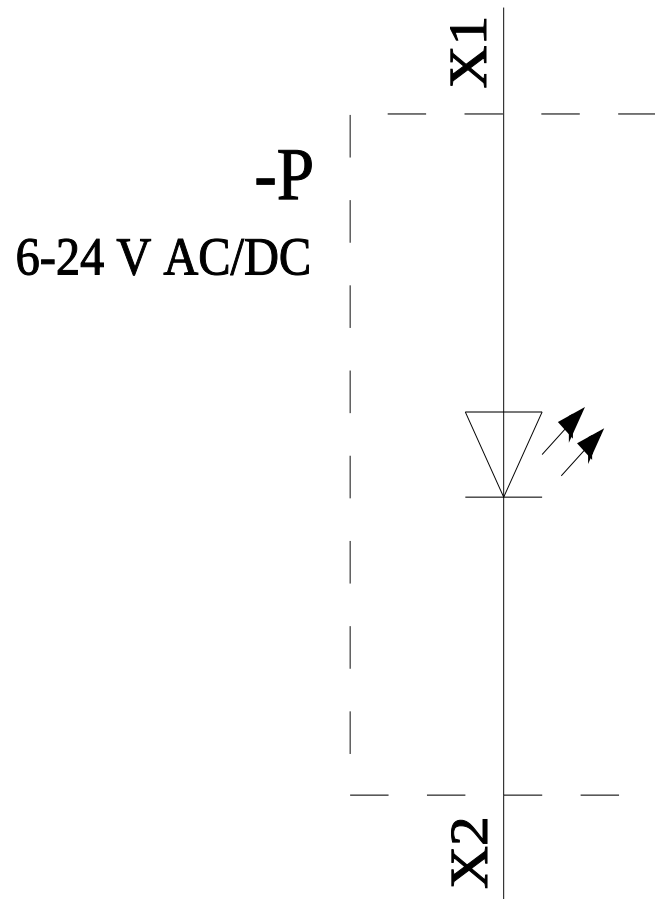
Information- and Downloadcenter (Catalogs, Brochures,...)

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-2BG60-1AA0-Z X90>





last modified:

4/2/2025 