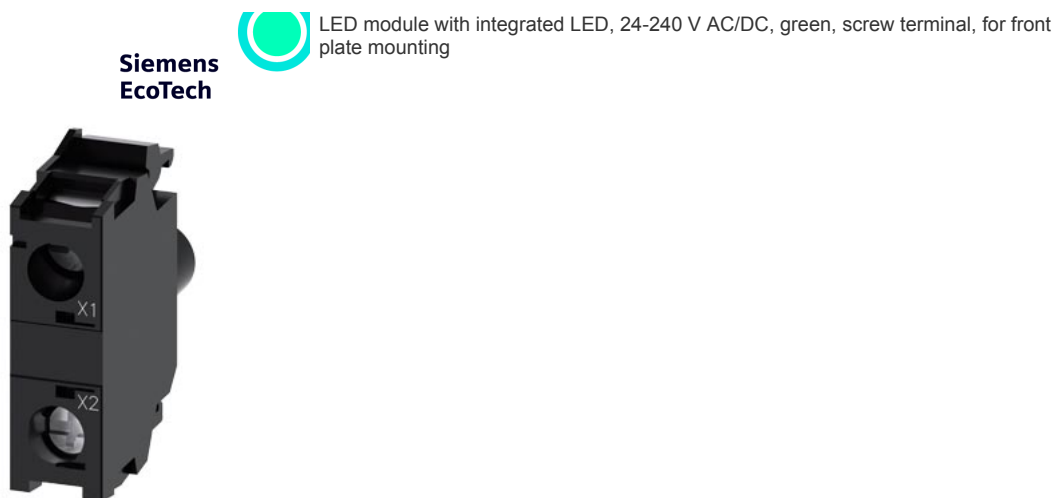




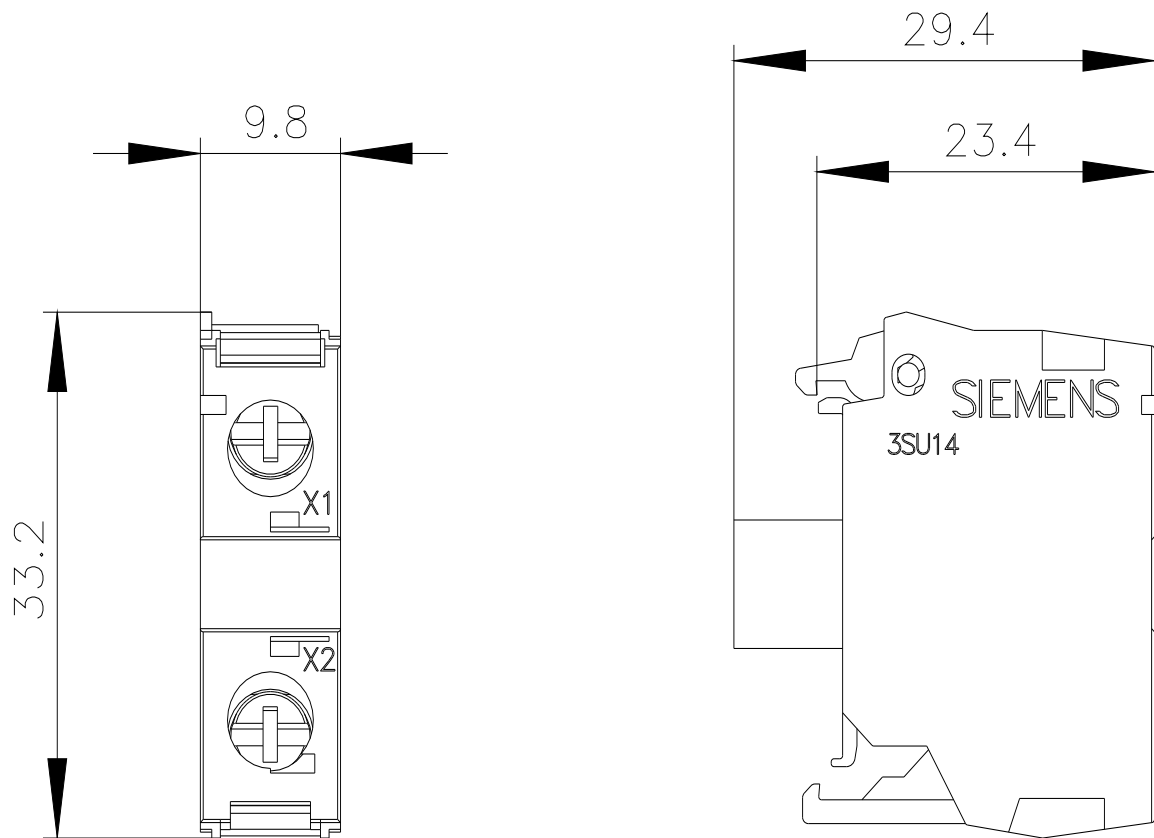
product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
product component	
• diode	Yes
• lamp transformer	No
• light source	Yes
• series resistor	No
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	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
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 - 7439-92-1 Lead monoxide (lead oxide) - 1317-36-8
Weight	10 g
operating voltage	
• at AC	
— at 50 Hz rated value	24 ... 240 V
— at 60 Hz rated value	24 ... 240 V
• at DC rated value	24 ... 240 V
relative positive tolerance of the operating voltage	20 %
relative negative tolerance of the operating voltage	20 %

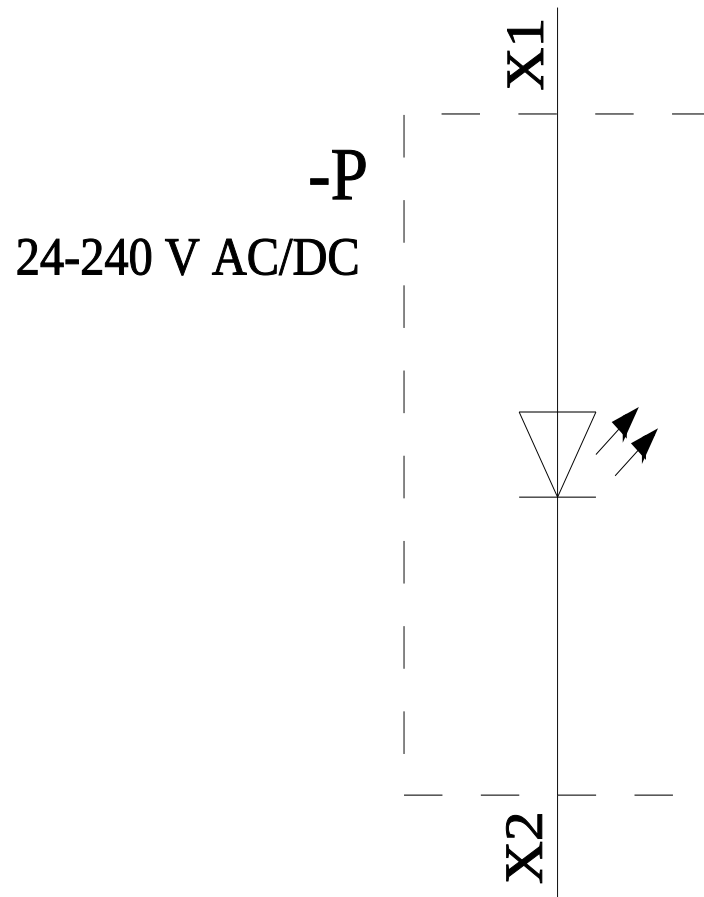
Control circuit/ Control	
inrush current maximum	3 A
Connections/ Terminals	
type of electrical connection	screw terminal
type of connectable conductor cross-sections	
• solid with core end processing	2x (0.5 ... 0.75 mm ²)
• solid without core end processing	2x (1.0 ... 1.5 mm ²)
• finely stranded with 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	green
light intensity	900 ... 1 400 mcd
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, 3C3, 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	33.2 mm
width	9.8 mm
depth	29.4 mm
Approvals Certificates	
General Product Approval	EMV



Test Certificates	other	Environment
Special Test Certificate	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=3SU1401-1BH40-1AA0





last modified:

4/2/2025 