SIEMENS

Data sheet 3SU1401-1BH40-1AA0-Z X90



LED module with integrated LED 24-240 V AC/DC, green, screw terminal, for front plate mounting, Z=50-unit packaging

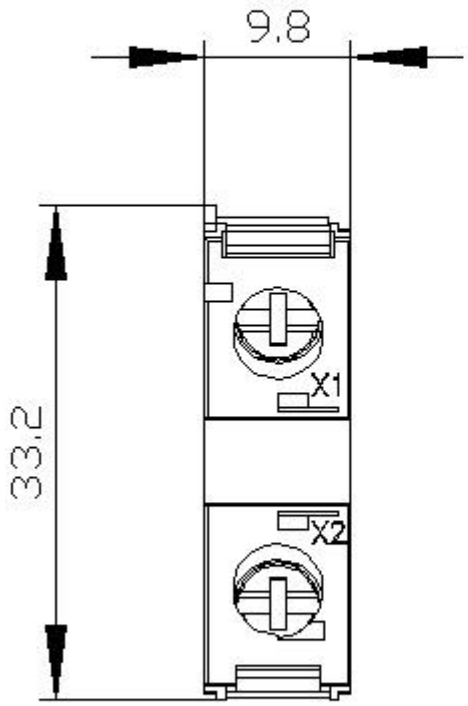
product brand name	SIRIUS ACT
product designation	LED module
product type designation	3SU1
General technical data	
product component	
● diode	Yes
● lamp transformer	No
● light source	Yes
● series resistor	No
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	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	
● acc. to IEC 60068-2-27	Sinusoidal half-wave 50g / 11 ms
● for railway applications acc. to DIN EN 61373	Category 1, Class B
vibration resistance	
● acc. to IEC 60068-2-6	10 ... 500 Hz: 5g
● for railway applications acc. to DIN EN 61373	Category 1, Class B
operating period typical	100 000 h
reference code acc. to IEC 81346-2	P
● operating voltage at AC	
— at 50 Hz rated value	24 ... 240 V
— at 60 Hz rated value	24 ... 240 V
● operating voltage 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-type terminals
type of connectable conductor cross-sections	

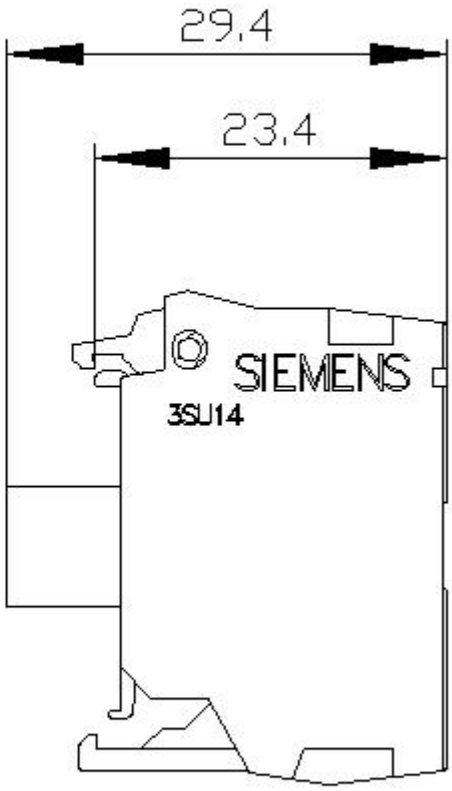
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● solid with core end processing	2x (0.5 ... 0.75 mm²)
● solid without core end processing	2x (1.0 ... 1.5 mm²)
● finely stranded with core end processing	2x (0.5 ... 1.5 mm²)
● finely stranded without core end processing	2x (1,0 ... 1,5 mm²)
● at AWG cables	2x (18 ... 14)
● 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
certificate of suitability	
● ATEX	No
● IECEx	No
Ambient conditions	
● ambient temperature during operation	-25 ... +70 °C
● ambient temperature during storage	-40 ... +80 °C
environmental category during operation acc. to IEC 60721	3M6, 3S2, 3B2, 3C3, 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	33.2 mm
width	9.8 mm
depth	29.4 mm
Certificates/ approvals	
Further information	

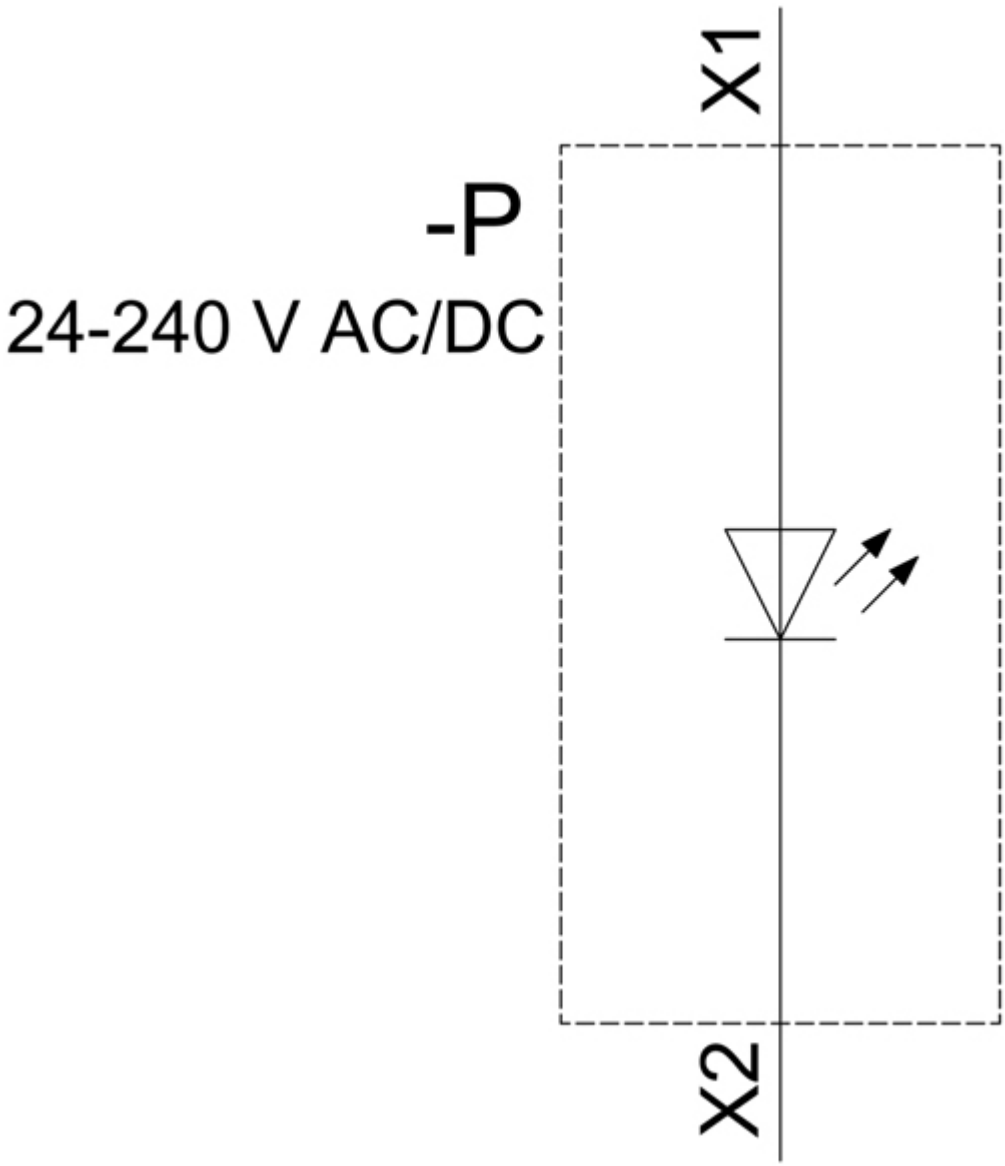
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https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BH40-1AA0-Z X90
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)
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