3SU1401-1BB40-1AA0

Data sheet



LED module with integrated LED 24 V AC/DC, green, screw terminal, for front plate mounting, Minimum order quantity 5 or a multiple thereof

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	25 mA
protection class IP	
 of the enclosure 	IP40
 of the terminal 	IP20
shock resistance	
• acc. to IEC 60068-2-27	sinusoidal half-wave 15g / 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
Substance Prohibitance (Date)	01.10.2014
operating voltage 1	
• at AC	
— at 50 Hz rated value	24 V
— at 60 Hz rated value	24 V
at DC rated value	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-type terminals
type of connectable conductor cross-sections	

General Product Approval	EMC	Declaration of Conformity	
Certificates/ approvals			
depth	29.4 mm		
width	9.8 mm		
height	33.2 mm		
of modules and accessories	Front plate mounting		
fastening method			
Installation/ mounting/ dimensions			
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)		
during storage	-40 +80 °C		
 during operation 	-25 +70 °C		
ambient temperature			
Ambient conditions			
• IECEx	No		
• ATEX	No		
certificate of suitability			
light intensity	900 1 400 mcd		
color of the light source	green		
type of light source	LED		
Lamp			
tightening torque with screw-type terminals	0.8 0.9 N·m		
at AWG cables	2x (18 14)		
finely stranded without core end processing	2x (1,0 1,5 mm²)		
finely stranded with core end processing	2x (0.5 1.5 mm²)		
 solid without core end processing 	2x (1.0 1.5 mm²)		
 solid with core end processing 	2x (0.5 0.75 mm²)		











UK Declaration of Conformity

Test Certificates

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report









Marine / Shipping

other



Confirmation

Further information

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

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

 $\underline{https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1BB40-1AA0}$

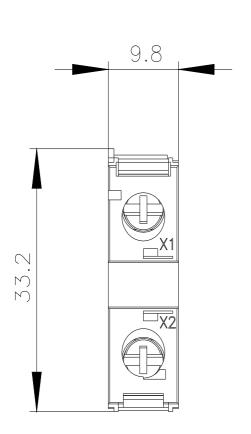
Cax online generator

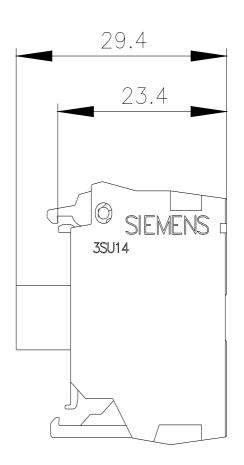
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BB40-1AA0

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

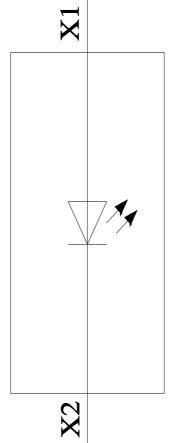
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BB40-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BB40-1AA0&lang=en









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