SIEMENS

Data sheet

3SU1401-1BB50-1AA0



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

product brand name product designation product type designatio SIRIUS ACT 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	
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
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	
 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
 finely stranded without core end processing
 at AWG cables
 tightening torque with screw-type terminals
 2x (0.5 ... 1.5 mm²)
 2x (1,0 ... 1,5 mm²)
 2x (18 ... 14)
 0.8 ... 0.9 N·m

LED

Lamp
type of light source

color of the light sourcebluelight intensity280 ... 710 mcd

certificate of suitability

◆ ATEX
 No
 IECEx
 No

Ambient conditions

ambient temperature

• during operation

• during storage

-25 ... +70 °C

-40 ... +80 °C

environmental category during operation according to IEC

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
height
width
depth
Front plate mounting
33.2 mm
9.8 mm
29.4 mm

suitability for integration
plastic enclosure
metal enclosure
Yes
Yes

Certificates/ approvals

General Product Approval

EMC

Declaration of Conformity



Confirmation









Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other





Confirmation

Environmental Confirmations

Further information

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=3SU1401-1BB50-1AA0

Cax online generator

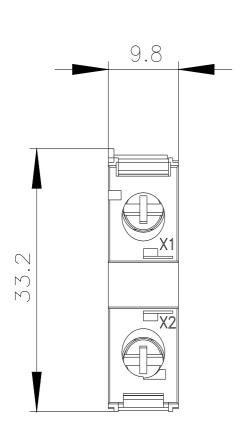
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BB50-1AA0

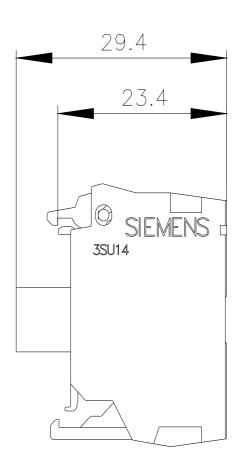
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BB50-1AA0

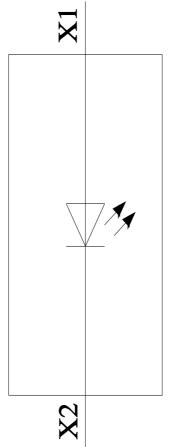
 $Image\ database\ (product\ images,\ 2D\ dimension\ drawings,\ 3D\ models,\ device\ circuit\ diagrams,\ EPLAN\ macros,\ ...)$

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BB50-1AA0&lang=en









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3/9/2022