## **SIEMENS**

## **Data sheet**

## 3SU1401-1BB00-1AA0



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

product brand name product designation product type designation

SIRIUS ACT LED module

product decignation	LED Modalo
product type designation	3SU1
General technical data	
product component	
• diode	Yes
<ul> <li>lamp transformer</li> </ul>	No
<ul><li>light source</li></ul>	Yes
<ul> <li>series resistor</li> </ul>	No
insulation voltage rated value	320 V
degree of pollution	3
type of voltage of the operating voltage	AC/DC
<ul><li>for actuation</li></ul>	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	
<ul><li>according to IEC 60068-2-27</li></ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
<ul><li>according to IEC 60068-2-6</li></ul>	10 500 Hz: 5g
<ul> <li>for railway applications according to EN 61373</li> </ul>	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	
<ul> <li>solid with core end processing</li> </ul>	2x (0.5 0.75 mm²)
P. J. 191 4 1 1	0 (4.0 4.5 0)

• 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

type of light source LED color of the light source amber

light intensity 450 ... 1 120 mcd certificate of suitability

• ATEX No

**Ambient conditions** 

ambient temperature

• during operation

• during storage

-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

Front plate mounting

height 33.2 mm
width 9.8 mm
depth 29.4 mm
suitability for integration

plastic enclosuremetal enclosureYes

Certificates/ approvals

General Product Approval Declaration of Conformity Test Certificates

Confirmation









Special Test Certificate

**Test Certificates** 

Marine / Shipping

Type Test Certificates/Test Report











other

<u>Confirmation</u> <u>Environmental Confirmations</u>

**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=3SU1401-1BB00-1AA0

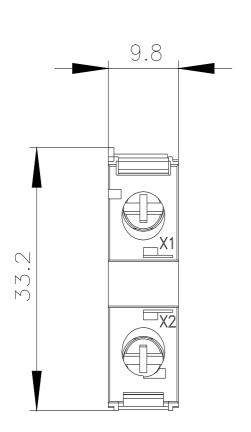
Cax online generator

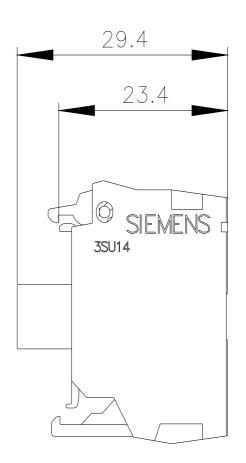
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BB00-1AA0

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

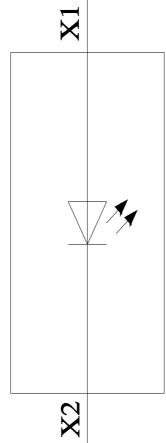
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BB00-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1401-1BB00-1AA0&lang=en









last modified:

3/9/2022