SIEMENS

Data sheet

3SU1401-1BG00-1AA0



LED module with integrated LED 6-24V AC/DC amber, screw terminal, for front plate mounting

product brand name product designation product type designation LED module 3SU1

product component

series resistor

degree of pollution

type of voltage of the operating voltage

surge voltage resistance rated value

consumed current maximum

shock resistance

• for railway applications according to EN 61373

vibration resistance

• for railway applications according to EN 61373

operating period typical

reference code according to IEC 81346-2

Substance Prohibitance (Date)

operating voltage

• at DC rated value

relative positive tolerance of the operating voltage

SIRIUS ACT

Yes

No

Yes

No

320 V

AC/DC

AC/DC

30 mA

4 kV

IP40

IP20

sinusoidal half-wave 15g / 11 ms

Category 1, Class B

Category 1, Class B

10 ... 500 Hz: 5g

100 000 h

10/01/2014

diode

• lamp transformer

• light source

insulation voltage rated value

for actuation

protection class IP

• of the enclosure

• of the terminal

• according to IEC 60068-2-27

• according to IEC 60068-2-6

at AC

- at 50 Hz rated value

- at 60 Hz rated value

relative negative tolerance of the operating voltage

6 ... 24 V 6 ... 24 V

6 ... 24 V

20 % 20 %

Control circuit/ Control

inrush current maximum 2 A

Connections/ Terminals

type of electrical connection

type of connectable conductor cross-sections

• solid with core end processing • solid without core end processing

screw-type terminals

2x (0.5 ... 0.75 mm²) 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
color of the light source
light intensity

LED
amber
450 ... 1 120 mcd

certificate of suitability

● ATEX

• IECEx

No

Ambient conditions

fastening method

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

of modules and accessories
 Front plate mounting

height33.2 mmwidth9.8 mmdepth29.4 mmsuitability 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

Confirmation Environment

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=3SU1401-1BG00-1AA0

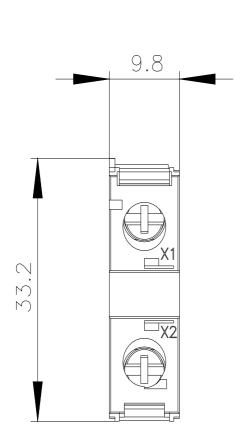
Cax online generator

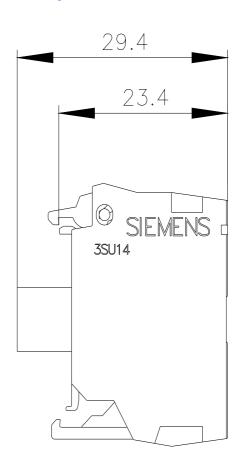
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BG00-1AA0

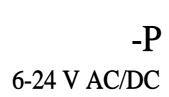
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

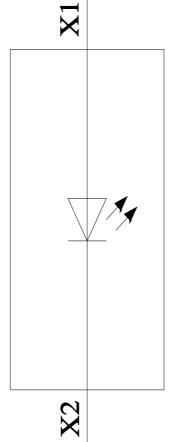
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BG00-1AA0

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









last modified:

3/9/2022