# **SIEMENS**

#### **Data sheet**

## 3SU1401-1BH50-1AA0



LED module with integrated LED, 24-240 V AC/DC, blue, screw terminal, for front plate mounting

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

Yes

No

Yes

No

320 V

AC/DC

AC/DC

20 mA

4 kV

IP40

IP20

## General technical data

product	component
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diode

lamp transformer

• light source

series resistor

insulation voltage rated value

## degree of pollution

type of voltage of the operating voltage

for actuation

#### surge voltage resistance rated value

consumed current maximum

protection class IP

- of the enclosure
- of the terminal

### shock resistance

- according to IEC 60068-2-27
- for railway applications according to EN 61373

## vibration resistance

- according to IEC 60068-2-6
- for railway applications according to EN 61373

#### operating period typical

reference code according to IEC 81346-2

Substance Prohibitance (Date)

#### operating voltage

- at AC
  - at 50 Hz rated value
  - at 60 Hz rated value
- at DC rated value

relative positive tolerance of the operating voltage relative negative tolerance of the operating voltage

100 000 h P

sinusoidal half-wave 15g / 11 ms

Category 1, Class B

Category 1, Class B

10 ... 500 Hz: 5g

10/01/2014

24 ... 240 V

24 ... 240 V 24 ... 240 V

20 %

20 %

## Control circuit/ Control

inrush current maximum 3 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)  $\begin{array}{ll} \bullet \text{ finely stranded with core end processing} & 2x~(0.5~...~1.5~\text{mm}^2) \\ \bullet \text{ finely stranded without core end processing} & 2x~(1,0~...~1,5~\text{mm}^2) \\ \bullet \text{ at AWG cables} & 2x~(18~...~14) \\ \text{tightening torque with screw-type terminals} & 0.8~...~0.9~\text{N}\cdot\text{m} \\ \end{array}$ 

type of light source LED color of the light source blue light intensity 280 ... 710 mcd certificate of suitability

• ATEX 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 methodFront plate mounting● of modules and accessoriesFront plate mountingheight33.2 mmwidth9.8 mmdepth29.4 mm

suitability for integration
plastic enclosure
metal enclosure
Yes
Yes

Certificates/ approvals

General Product Approval

**EMC** 





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=3SU1401-1BH50-1AA0

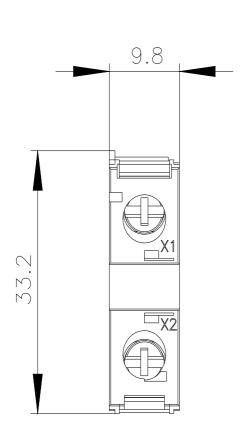
Cax online generator

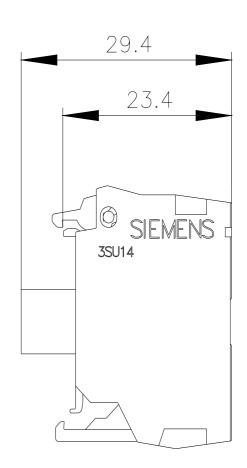
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BH50-1AA0

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

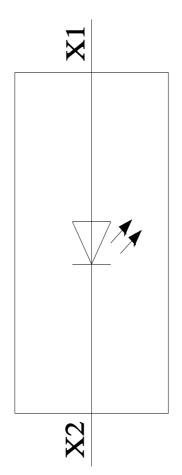
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BH50-1AA0

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=3SU1401-1BH50-1AA0&lang=en





-P 24-240 V AC/DC



last modified:

3/9/2022