SIEMENS

Data sheet

3SU1401-1BF00-1AA0



LED module with integrated LED 230 V AC, amber, screw terminal, for front plate mounting

product brand name product designation product type designation

product component

SIRIUS ACT LED module 3SU1

• 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
for actuation	AC
surge voltage resistance rated value	4 kV
consumed current maximum	20 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	230 V

230 V

20 %

20 %

3 A

Control circuit/ Control inrush current maximum

type of connectable conductor cross-sections

- at 60 Hz rated value

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

• finely stranded with core end processing

relative positive tolerance of the operating voltage

relative negative tolerance of the operating voltage

screw-type terminals

2x (0.5 ... 0.75 mm²) 2x (1.0 ... 1.5 mm²) 2x (0.5 ... 1.5 mm²)

• finely stranded without core end processing 2x (1,0 ... 1,5 mm²) • at AWG cables 2x (18 ... 14) 0.8 ... 0.9 N·m

tightening torque with screw-type terminals

LED type of light source color of the light source amber light intensity 450 ... 1 120 mcd certificate of suitability ATEX No IECEx No

Ambient conditions

ambient temperature -25 ... +70 °C 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 enclosure Yes metal enclosure Yes

Certificates/ approvals

General Product Approval

Declaration of Conformity

Confirmation











Test Certificates

Marine / Shipping

Special Test Certificate

Type Test Certificates/Test Report









Marine / Shipping

other



Environmental Confirmations

Confirmation

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=3SU1401-1BF00-1AA0

Cax online generator

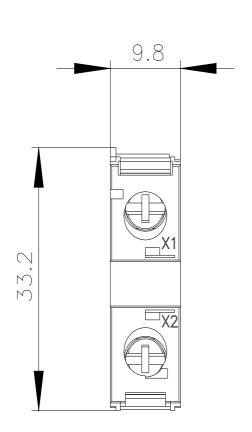
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BF00-1AA0

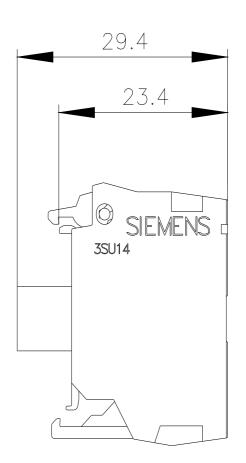
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

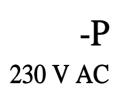
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BF00-1AA0

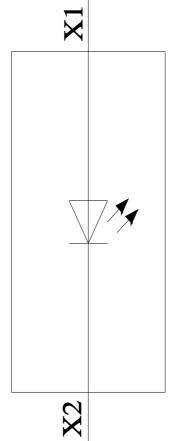
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BF00-1AA0&lang=en









last modified:

3/9/2022