# SIEMENS

**Data sheet**                                                    **3SU1401-1BF24-1AA0**

LED module w. indicator lights with integrated LED 230 V AC, red-yellow-green, screw terminal, for front plate mounting

| | |
|---|---|
| **product brand name** | SIRIUS ACT |
| **product designation** | 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 | 20 mA |
| protection class IP | |
| ● of the enclosure | IP40 |
| ● of the terminal | IP20, clamping screw tightened |
| **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 |
| ● at DC rated value | 230 V |
| **relative positive tolerance of the operating voltage** | 20 % |
| **relative negative tolerance of the operating voltage** | 10 % |
| **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) |

7/9/2022

| | |
|---|---|
| ● solid without core end processing | 2x (1.0 ... 1.5 mm²) |
| ● finely stranded with core end processing | 2x (0.5 ... 1.5 mm²) |
| ● finely stranded without core end processing | 2x (1,0 ... 1,5 mm²) |
| ● at AWG cables | 2x (18 ... 14) |
| tightening torque with screw-type terminals | 0.8 ... 0.9 N·m |

## Lamp

| | |
|---|---|
| **type of light source** | LED |
| **color of the light source** | red/yellow/ green |
| **certificate of suitability** | |
| ● ATEX | No |
| ● IECEx | No |

## Ambient conditions

| | |
|---|---|
| **ambient temperature** | |
| ● during operation | -25 ... +70 °C |
| ● during storage | -40 ... +80 °C |
| environmental category during operation according to IEC 60721 | 3M6, 3S2, 3B2, 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** | 36 mm |
| **width** | 9.8 mm |
| **depth** | 49.7 mm |
| **suitability for integration** | |
| ● plastic enclosure | No |
| ● metal enclosure | No |

## Certificates/ approvals

| General Product Approval | | EMC | Declaration of Conformity | |
|---|---|---|---|---|
| [Confirmation](#) | CCC | EAC | RCM | CE EG-Konf. UKCA |

| Test Certificates | | Marine / Shipping | | | |
|---|---|---|---|---|---|
| [Type Test Certificates/Test Report](#) | [Special Test Certificate](#) | ABS | LRS | PRS | RINA |

| Marine / Shipping | other | |
|---|---|---|
| RMRS | [Environmental Confirmations](#) | [Confirmation](#) |

## 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=3SU1401-1BF24-1AA0
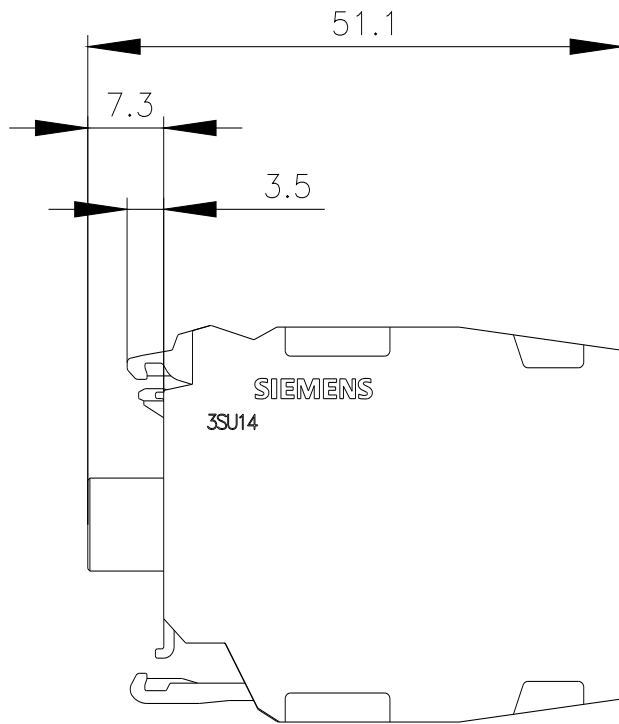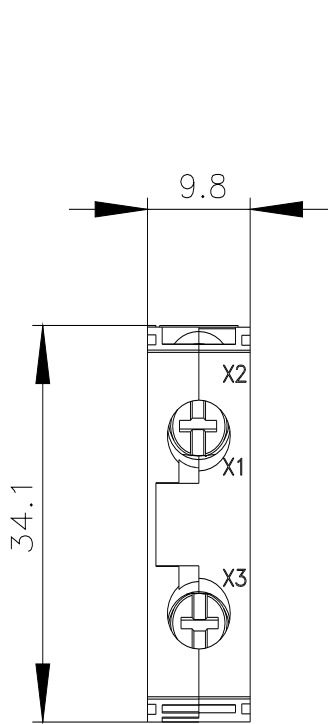**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1BF24-1AA0
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1BF24-1AA0
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1BF24-1AA0&lang=en

51.1

7.3

3.5

9.8

34.1

X2

X1

X3

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