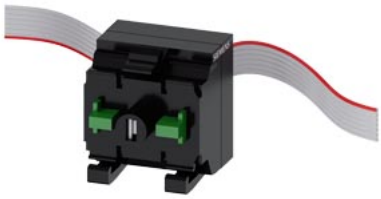
SIEMENS

## Data sheet 3SU1401-1MC30-1CA1

Siemens EcoTech

SIRIUS ACT: terminal module (command and LED module), integrated LED yellow, for front plate mounting



| | |
|---|---|
| **product brand name** | SIRIUS ACT |
| **product designation** | Terminal module |
| **design of the product** | with 2 contacts and integrated LED |
| **product type designation** | 3SU1 |
| **Display** | |
| **display version** | |
| ● for diagnostic function: Supply voltage monitoring power LED | Yes |
| ● status Tx/Rx link | No |
| **General technical data** | |
| **product function** | |
| ● reverse polarity protection | Yes; Ribbon cable can be rotated 180°. |
| ● diagnostics function | Yes |
| **firmware version** | 1.0.0 |
| **hardware version** | 1 |
| **software version with STEP 7 in the TIA Portal required** | V13 SP1 (V13 SP1 and V14 with HSP0132) |
| **power loss [W] typical** | 0.115 W |
| **degree of pollution** | 3 |
| **type of voltage** | |
| ● of the operating voltage | DC |
| ● of the input voltage | DC |
| **surge voltage resistance rated value** | 0.8 kV |
| **consumed current** | |
| ● maximum | 27 mA |
| ● rated value | 23 mA |
| **protection class IP** | 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 |
| **reference code according to IEC 81346-2** | K |
| **Substance Prohibitance (Date)** | 12/19/2016 |
| **SVHC substance name** | Lead - 7439-92-1<br>Lead monoxide (lead oxide) - 1317-36-8 |
| **Weight** | 0.02 kg |
| **Communication/ Protocol** | |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| | |
|---|---|
| **protocol is supported** | |
| ● PROFIsafe protocol | No |
| **Connections/ Terminals** | |
| **type of electrical connection** | Insulation displacement connection |
| **type of connectable conductor cross-sections** | Ribbon cable 7-pole, 7 x 0.08 mm2 |
| **connectable conductor cross-section for auxiliary contacts** | |
| ● solid or stranded | 0.08 ... 0.08 mm² |
| ● finely stranded with core end processing maximum | 0.08 mm² |
| **connectable conductor cross-section** | |
| ● solid | 0.08 ... 0.08 mm² |
| ● solid with core end processing | 0.08 ... 0.08 mm² |
| ● finely stranded with core end processing | 0.08 ... 0.08 mm² |
| ● finely stranded without core end processing | 0.08 ... 0.08 mm² |
| **AWG number as coded connectable conductor cross section** | 28 ... 28 |
| **Lamp** | |
| **color of the light source** | yellow |
| **Safety related data** | |
| product function suitable for safety function | No |
| **service life maximum** | 20 a |
| **Ambient conditions** | |
| **ambient temperature** | |
| ● during operation | -25 ... +60 °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) |
| **explosion protection marking for intrinsic safety of related equipment EEx ia** | No |
| **explosion protection marking for intrinsic safety of related equipment EEx ib** | No |
| **Environmental footprint** | |
| Environmental Product Declaration(EPD) | Yes |
| Global Warming Potential [CO2 eq] total | 0.787 kg |
| Global Warming Potential [CO2 eq] during manufacturing | 0.566 kg |
| Global Warming Potential [CO2 eq] during operation | 0.235 kg |
| Global Warming Potential [CO2 eq] after end of life | -0.015 kg |
| Siemens Eco Profile (SEP) | Siemens EcoTech |
| **Installation/ mounting/ dimensions** | |
| fastening method of modules and accessories | Front plate mounting |
| **height** | 32.6 mm |
| **width** | 30 mm |
| **depth** | 31.5 mm |

**Approvals Certificates**

| General Product Approval | | | | | Test Certificates |
|---|---|---|---|---|---|
| CE EG-Konf. | UKCA | Confirmation | cULus | EAC | Type Test Certificates/Test Report |

| Test Certificates | other | Environment | | |
|---|---|---|---|---|
| Special Test Certificate | Confirmation | EPD | Siemens EcoTech | 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


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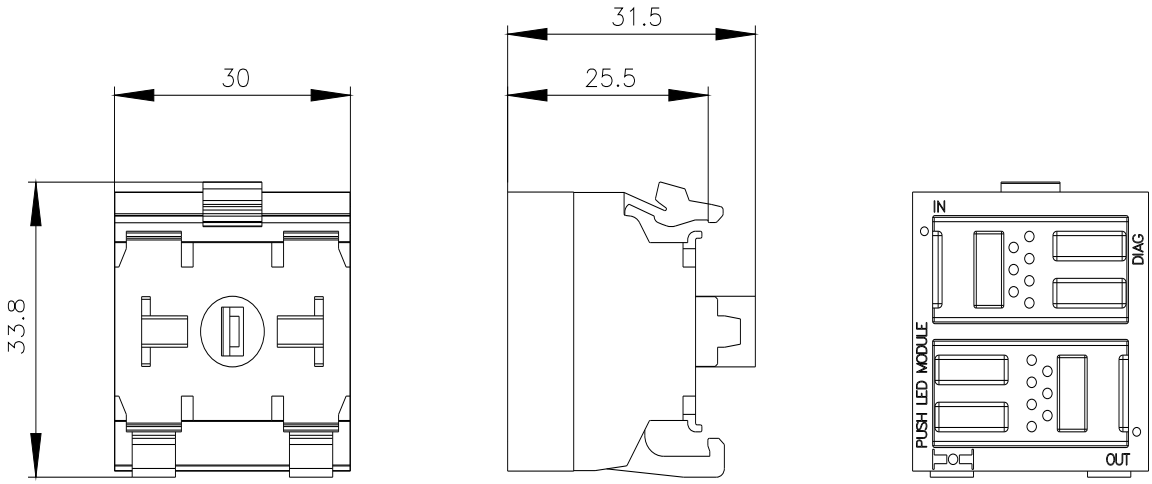
**Industry Mall (Online ordering system)**
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1MC30-1CA1
**Cax online generator**
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1MC30-1CA1
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1MC30-1CA1
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1MC30-1CA1&lang=en





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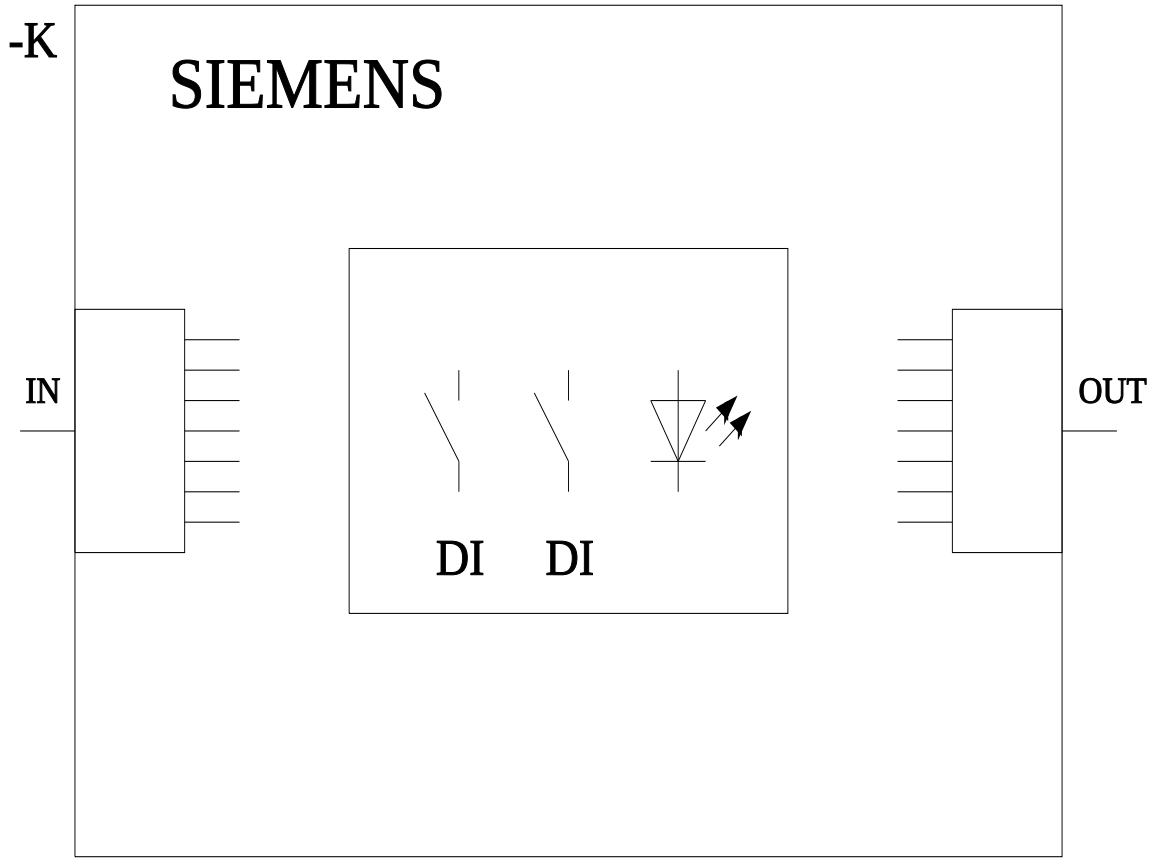


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