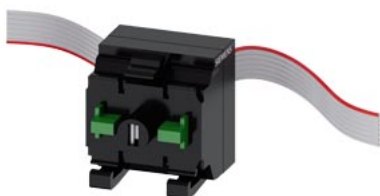


Siemens
EcoTech



SIRIUS ACT: terminal module (command and LED module), integrated LED green, 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 Lead monoxide (lead oxide) - 1317-36-8 |
| Weight | 0.02 kg |
| Communication/ Protocol | |

| | |
|--|--|
| 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 mm ² |
| connectable conductor cross-section for auxiliary contacts • solid or stranded • finely stranded with core end processing maximum | 0.08 ... 0.08 mm ² 0.08 mm ² |
| connectable conductor cross-section • solid • solid with core end processing • finely stranded with core end processing • finely stranded without core end processing | 0.08 ... 0.08 mm ² 0.08 ... 0.08 mm ² 0.08 ... 0.08 mm ² 0.08 ... 0.08 mm ² |
| AWG number as coded connectable conductor cross section | 28 ... 28 |
| Lamp | |
| color of the light source | green |
| Safety related data | |
| product function suitable for safety function | No |
| service life maximum | 20 a |
| Ambient conditions | |
| ambient temperature • during operation • during storage | -25 ... +60 °C -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 [CO ₂ eq] total | 0.787 kg |
| Global Warming Potential [CO ₂ eq] during manufacturing | 0.566 kg |
| Global Warming Potential [CO ₂ eq] during operation | 0.235 kg |
| Global Warming Potential [CO ₂ 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 |



[Confirmation](#)



[Type Test Certificates/Test Report](#)

| | | |
|---|--|---|
| Test Certificates | other | Environment |
| Special Test Certificate | Confirmation | 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=3SU1401-1MC40-1CA1>

Cax online generator

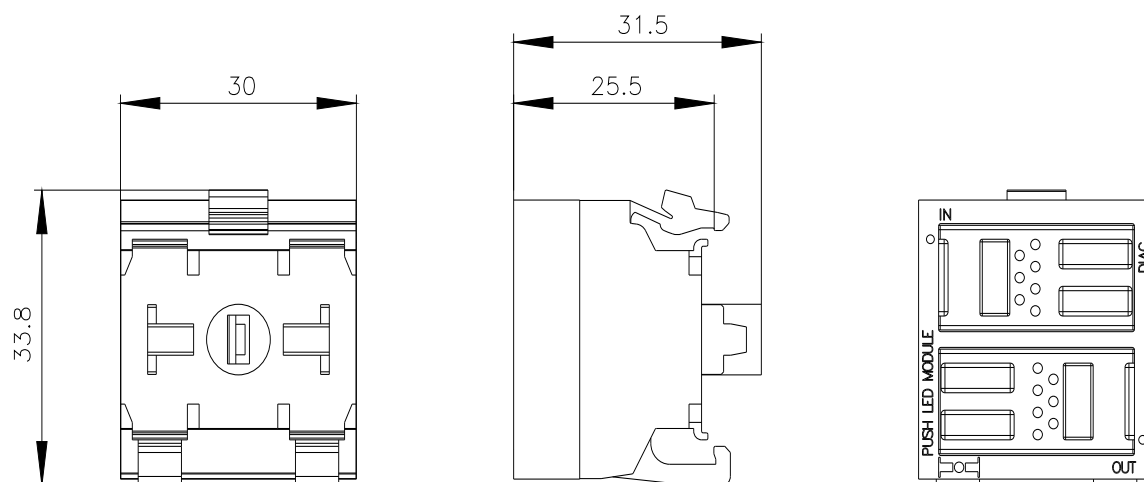
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1MC40-1CA1>

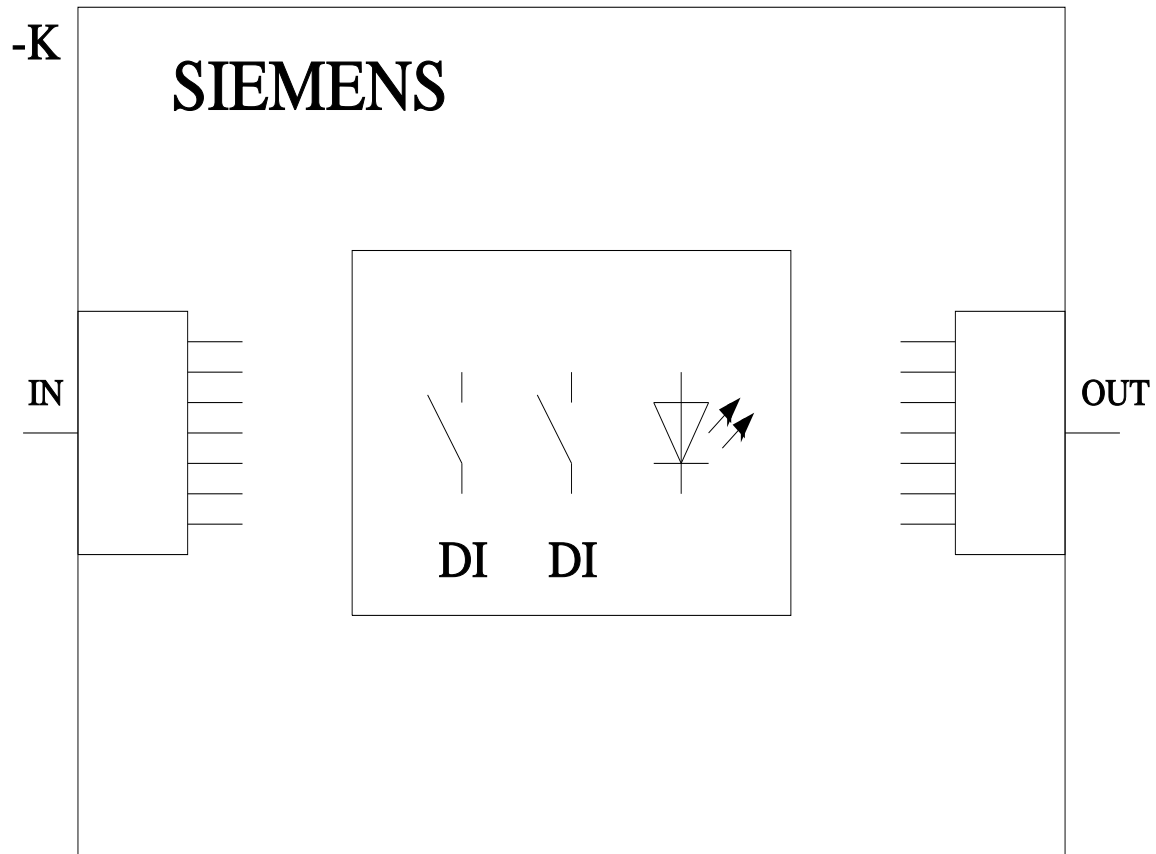
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1MC40-1CA1>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1MC40-1CA1&lang=en





last modified:

7/26/2024