

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



Figure similar

|                                                                |                                        |
|----------------------------------------------------------------|----------------------------------------|
| Product brand name                                             | SIRIUS ACT                             |
| Product designation                                            | Terminal module                        |
| 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   |
| Equipment marking acc. to DIN EN 81346-2 | K      |

#### Communication/ Protocol

|                                       |    |
|---------------------------------------|----|
| Protocol is supported                 |    |
| • PROFI-safe protocol                 | No |
| Product function at the 1st interface |    |
| • open IE communication               | 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 <sup>2</sup> |
| Connectable conductor cross-section for auxiliary contacts |                                               |
| • single or multi-stranded                                 | 0.08 ... 0.08 mm <sup>2</sup>                 |
| • finely stranded with core end processing                 | 0.08 mm <sup>2</sup>                          |
| Connectable conductor cross-section                        |                                               |
| • solid                                                    | 0.08 ... 0.08 mm <sup>2</sup>                 |
| • solid with core end processing                           | 0.08 ... 0.08 mm <sup>2</sup>                 |
| • finely stranded with core end processing                 | 0.08 ... 0.08 mm <sup>2</sup>                 |
| • finely stranded without core end processing              | 0.08 ... 0.08 mm <sup>2</sup>                 |
| AWG number as coded connectable conductor cross section    | 28 ... 28                                     |

#### Lamp

|                           |     |
|---------------------------|-----|
| Color of the light source | red |
|---------------------------|-----|

#### Safety related data

|                                       |      |
|---------------------------------------|------|
| Service life maximum                  | 20 y |
| Number of interfaces acc. to PROFINET | 0    |

#### Ambient conditions

|                                                           |                                                                                                        |
|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Ambient temperature                                       |                                                                                                        |
| • during operation                                        | -25 ... +60 °C                                                                                         |
| • during storage                                          | -40 ... +80 °C                                                                                         |
| Environmental category during operation acc. 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 |

#### Installation/ mounting/ dimensions

|                                          |                  |
|------------------------------------------|------------------|
| Mounting type of modules and accessories | Snap-on mounting |
| Height                                   | 32.6 mm          |
| Width                                    | 30 mm            |
| Depth                                    | 31.5 mm          |

#### Further information

##### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3SU1401-1MC20-1CA1>

##### Cax online generator

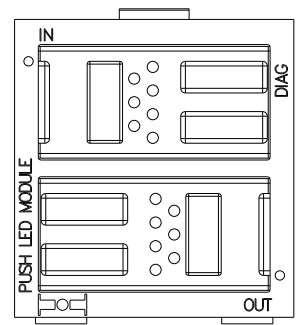
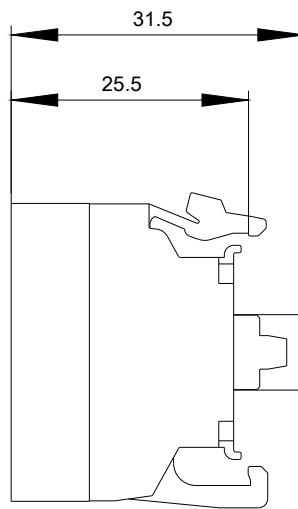
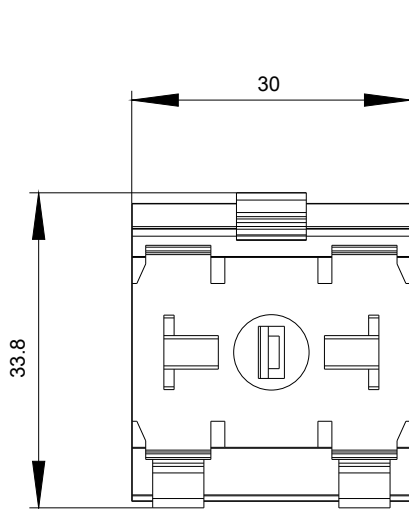
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1MC20-1CA1>

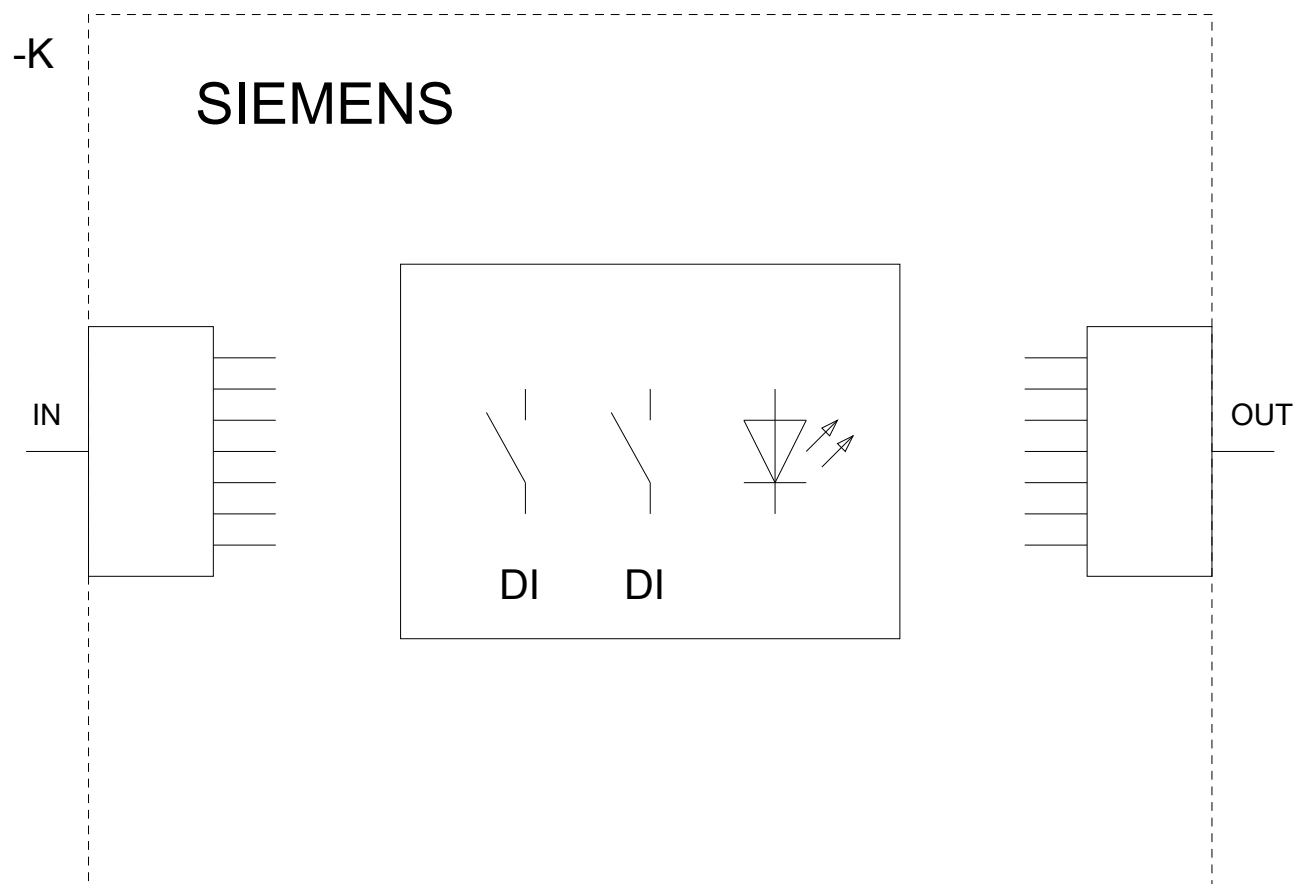
##### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1MC20-1CA1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1MC20-1CA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1MC20-1CA1&lang=en)





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