

SIRIUS ACT: terminal module (LED module), integrated LED green, for front plate mounting



|                          |                     |
|--------------------------|---------------------|
| product brand name       | SIRIUS ACT          |
| product designation      | Terminal module     |
| design of the product    | with integrated LED |
| product type designation | 3SU1                |

### Display

|                                                                                                                |     |
|----------------------------------------------------------------------------------------------------------------|-----|
| display version                                                                                                |     |
| <ul style="list-style-type: none"> <li>for diagnostic function: Supply voltage monitoring power LED</li> </ul> | Yes |
| <ul style="list-style-type: none"> <li>status Tx/Rx link</li> </ul>                                            | No  |

### General technical data

|                                                                                                             |                                        |
|-------------------------------------------------------------------------------------------------------------|----------------------------------------|
| product function                                                                                            |                                        |
| <ul style="list-style-type: none"> <li>reverse polarity protection</li> <li>diagnostics function</li> </ul> | Yes; Ribbon cable can be rotated 180°. |
| 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                                                                                             |                                        |
| <ul style="list-style-type: none"> <li>of the operating voltage</li> <li>of the input voltage</li> </ul>    | DC                                     |
| surge voltage resistance rated value                                                                        | 0.8 kV                                 |
| consumed current                                                                                            |                                        |
| <ul style="list-style-type: none"> <li>maximum</li> <li>rated value</li> </ul>                              | 27 mA<br>23 mA                         |
| protection class IP                                                                                         | IP20                                   |
| reference code according to IEC 81346-2                                                                     | K                                      |
| Substance Prohibition (Date)                                                                                | 12/19/2016                             |

### Communication/ Protocol

|                                                                      |    |
|----------------------------------------------------------------------|----|
| protocol is supported                                                |    |
| <ul style="list-style-type: none"> <li>PROFIsafe protocol</li> </ul> | 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                                                            |                                                                |
| <ul style="list-style-type: none"> <li>solid or stranded</li> <li>finely stranded with core end processing</li> </ul> | 0.08 ... 0.08 mm <sup>2</sup><br>0.08 mm <sup>2</sup>          |
| connectable conductor cross-section                                                                                   |                                                                |
| <ul style="list-style-type: none"> <li>solid</li> <li>solid with core end processing</li> </ul>                       | 0.08 ... 0.08 mm <sup>2</sup><br>0.08 ... 0.08 mm <sup>2</sup> |

|                                                                                                                                                 |                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| <ul style="list-style-type: none"> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> </ul> | 0.08 ... 0.08 mm <sup>2</sup> |
|                                                                                                                                                 | 0.08 ... 0.08 mm <sup>2</sup> |
| <b>AWG number as coded connectable conductor cross section</b>                                                                                  | 28 ... 28                     |

#### Lamp

|                           |       |
|---------------------------|-------|
| color of the light source | green |
|---------------------------|-------|

#### Safety related data

|                      |      |
|----------------------|------|
| service life maximum | 20 y |
|----------------------|------|

#### Ambient conditions

|                                                                                                                       |                                                                                                       |
|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <b>ambient temperature</b> <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul> | -25 ... +60 °C<br>-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                                                                                                    |

#### Installation/ mounting/ dimensions

|                                             |                      |
|---------------------------------------------|----------------------|
| fastening method of modules and accessories | Front plate mounting |
| height                                      | 32.6 mm              |
| width                                       | 30 mm                |
| depth                                       | 31.5 mm              |

#### Certificates/ approvals

| General Product Approval | Declaration of Conformity | Test Certificates |
|--------------------------|---------------------------|-------------------|
|--------------------------|---------------------------|-------------------|

[Confirmation](#)



[Special Test Certificate](#)

| Test Certificates | other |
|-------------------|-------|
|-------------------|-------|

[Type Test Certificates/Test Report](#)

[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=3SU1401-1ME40-1DA1>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1401-1ME40-1DA1>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1401-1ME40-1DA1>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1401-1ME40-1DA1&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1401-1ME40-1DA1&lang=en)



