



AS-Interface module, 4 inputs and 3 outputs, black, Spring-type terminal (Push-in), for input/output, for front plate mounting

|  |                                    |
|--|------------------------------------|
| <b>product brand name</b>  | SIRIUS ACT                         |
| <b>product designation</b>   | AS-Interface module                |
| <b>product type designation</b>  | 3SU1                               |
| <b>General technical data</b>  |                                    |
| <b>product function</b>  | 4 DI / 3 DQ AB                     |
| <b>degree of pollution</b>   | 3                                  |
| <b>type of voltage</b>   |                                    |
| • of the operating voltage   | DC                                 |
| • of the input voltage   | DC                                 |
| <b>consumed current maximum</b>  | 150 mA                             |
| <b>protection class IP</b>   | IP20                               |
| <b>shock resistance for railway applications according to EN 61373</b>     | Category 1, Class B                |
| <b>vibration resistance for railway applications according to EN 61373</b> | Category 1, Class B                |
| <b>reference code according to IEC 81346-2</b>                             | K                                  |
| <b>Substance Prohibitance (Date)</b>                                       | 10/01/2014                         |
| <b>design of the slave type</b>  | 4 DI / 3 DQ AB                     |
| <b>AS-Interface slave profile</b>  | S-7.A.E                            |
| <b>ID1 code</b>  | 0...7                              |
| <b>number of AS-i slaves</b>   | 1                                  |
| protocol is supported ASIsafe (Safety at work) protocol                    | No                                 |
| <b>operating voltage rated value</b>                                       | 18 ... 31.6 V                      |
| <b>operating voltage 1 at DC rated value</b>                               | 30 V                               |
| <b>Communication/ Protocol</b>   |                                    |
| protocol is supported AS-Interface protocol                                | Yes                                |
| <b>Inputs/ Outputs</b>   |                                    |
| <b>number of digital inputs</b>  | 4                                  |
| • safety-related   | 0                                  |
| <b>number of digital outputs</b>   | 3                                  |
| <b>Connections/ Terminals</b>  |                                    |
| <b>type of electrical connection</b>                                       | spring-loaded terminal (push-in)   |
| <b>type of connectable conductor cross-sections</b>                        |                                    |
| • solid without core end processing  | 1x (0.14 ... 0.5 mm <sup>2</sup> ) |
| • finely stranded without core end processing                              | 1x (0.2 ... 0.5 mm <sup>2</sup> )  |
| • at AWG cables  | 1x (26 ... 20)                     |
| <b>Product Function</b>  |                                    |
| suitability for use safety-related circuits                                | No                                 |
| <b>Ambient conditions</b>  |                                    |

|  |   |
|--|---|
| <b>ambient temperature</b>   |   |
| <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> </ul> | -25 ... +70 °C<br>-40 ... +80 °C  |
| environmental category during operation according to IEC 60721                             | 3M6, 3S2, 3B2, 3C3 (without salt spray), 3K6 (with relative humidity of 10 ... 95%, no condensation in operation permitted) |

### Installation/ mounting/ dimensions

|  |  |
|--|--|
| <b>fastening method</b>  |  |
| <ul style="list-style-type: none"> <li>of modules and accessories</li> <li>of AS-i slaves</li> </ul> | Front plate mounting<br>Floor mounting |
| <b>height</b>  | 57.5 mm                                |
| <b>width</b>   | 23.8 mm                                |
| <b>depth</b>   | 53.5 mm                                |

### Certificates/ approvals

| General Product Approval  | EMC  | Declaration of Conformity  |
|---|--|--|
| <a href="#">Confirmation</a><br> | <br> | <br>EG-Konf. <a href="#">UK Declaration of Conformity</a> |

### Test Certificates

| Test Certificates                                  | other                                    |
|--|--|
| <a href="#">Type Test Certificates/Test Report</a> | <a href="#">Special Test Certificate</a> |
|  | <a href="#">Confirmation</a>             |

### 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=3SU1400-1EJ10-6AA0>  
**Cax online generator**  
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-1EJ10-6AA0>  
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**  
<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-1EJ10-6AA0>  
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SU1400-1EJ10-6AA0&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-1EJ10-6AA0&lang=en)



