

Electronics module for IO-Link, black, 8 inputs/outputs, 4DI/4DQ, Push-in, for floor mounting



| | |
|--------------------------|-------------------------------|
| Product brand name | SIRIUS ACT |
| Product designation | Electronic module for IO-Link |
| Product type designation | 3SU1 |

| General technical data | |
|---|---------------------|
| Insulation voltage | |
| • rated value | 30 V |
| 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 | 41 mA |
| Protection class IP | IP20 |
| Shock resistance | |
| • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| Vibration resistance | |
| • for railway applications acc. to DIN EN 61373 | Category 1, Class B |
| Reference code acc. to DIN EN 81346-2 | P |

| | |
|---|-------------|
| Reference code acc. to DIN EN 61346-2 | P |
| Operating voltage | |
| <ul style="list-style-type: none"> • rated value | 18 ... 30 V |
| Operating voltage 1 | |
| <ul style="list-style-type: none"> • at DC rated value | 24 V |

Communication/ Protocol

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|---|-------------------|
| Protocol is supported | |
| <ul style="list-style-type: none"> • AS-Interface protocol | No |
| <ul style="list-style-type: none"> • IO-Link protocol | Yes |
| IO-Link transfer rate | COM2 (38,4 kBaud) |
| Point-to-point cycle time between master and IO-Link device minimum | 10 ms |
| Type of voltage supply via input/output link master | Yes |
| Amount of data | |
| <ul style="list-style-type: none"> • of the address area of the inputs with cyclical transfer total | 3 byte |
| <ul style="list-style-type: none"> • of the address area of the outputs with cyclical transfer total | 1 byte |

Inputs/ Outputs

| | |
|----------------------------------|---|
| Number of digital inputs | 4 |
| Number of digital outputs | 4 |

Connections/ Terminals

| | |
|---|------------------------------------|
| Type of electrical connection | Push-in terminal |
| Type of connectable conductor cross-sections | |
| <ul style="list-style-type: none"> • solid with core end processing | 1x (0.14 ... 0.5 mm ²) |
| <ul style="list-style-type: none"> • solid without core end processing | 1x (0.14 ... 0.5 mm ²) |
| <ul style="list-style-type: none"> • finely stranded without core end processing | 1x (0.2 ... 0.5 mm ²) |
| <ul style="list-style-type: none"> • at AWG conductors | 1x (26 ... 20) |

Product Function

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|---|----|
| Suitability for use | |
| <ul style="list-style-type: none"> • safety-related circuits | No |

Ambient conditions

| | |
|--|---|
| Ambient temperature | |
| <ul style="list-style-type: none"> • during operation | -25 ... +70 °C |
| <ul style="list-style-type: none"> • during storage | -40 ... +80 °C |
| Environmental category during operation acc. 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

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|--|----------------|
| Mounting type | |
| <ul style="list-style-type: none"> • of modules and accessories | Floor mounting |
| Height | 57.5 mm |

| | |
|-------|---------|
| Width | 23.8 mm |
| Depth | 53.5 mm |

Measuring circuit

| | |
|------------------|-----------|
| Product function | 4DI / 4DO |
|------------------|-----------|

Certificates/ approvals

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



[Miscellaneous](#)

[Type Test Certificates/Test Report](#)

[Special Test Certificate](#)

[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=3SU1400-2HM10-6AA0>

Cax online generator

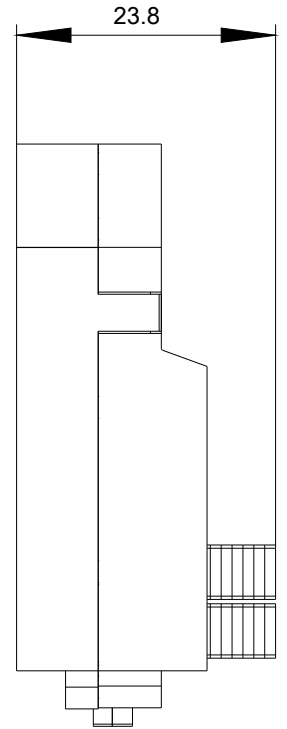
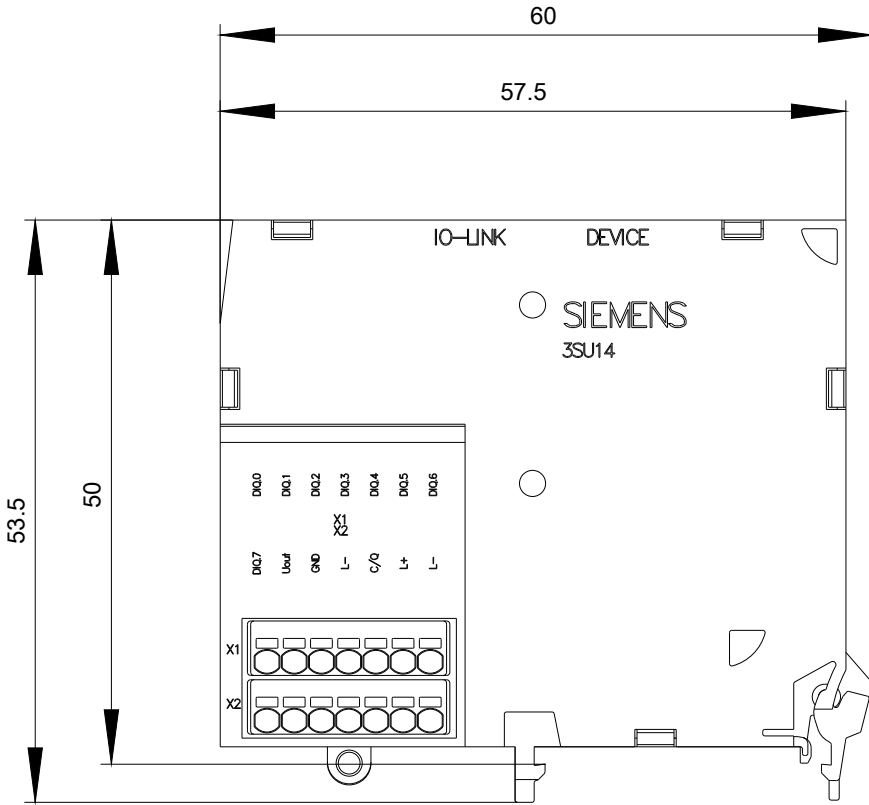
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1400-2HM10-6AA0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SU1400-2HM10-6AA0>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SU1400-2HM10-6AA0&lang=en



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