

**CUBE20S ANALOG INPUT MODULE AI2**

2X16Bit (I 0(4)...20mA)

Expansion module  
AI2 - (E) U  
Current

[Link to Product](#)**Illustration**

Product may differ from Image

**General data**

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Mounting method   | DIN-rail mountable (EN 60715)                                     |
| Temperature range | 0...+60 °C (storage temperature -25...+70 °C)                     |
| Protection        | IP20                                                              |
| Connection        | Spring clamp plug-in terminals: max. 1.5 mm <sup>2</sup> (AWG 16) |
| Dimensions H×W×D  | 109×12.9×76.5 mm                                                  |

**Input**

|                          |                            |
|--------------------------|----------------------------|
| Connection               | Differential current input |
| Accuracy                 | max. 0.3%                  |
| Conversion time (analog) | 240 μs (all channels)      |
| Resolution (analog)      | 15 Bit + sign              |

**Internal communication**

|                     |                                                    |
|---------------------|----------------------------------------------------|
| Current consumption | max. 60 mA from system, max. 15 mA externally (UI) |
| Module supply       | via system connection                              |

**Diagnostic**

|                                       |                            |
|---------------------------------------|----------------------------|
| Communication status                  | via LED                    |
| Diagnostic via LED                    | per module and channel     |
| Diagnostic via BUS                    | per module                 |
| Monitoring - under voltage            | yes                        |
| Monitoring - no voltage               | no                         |
| Wire break upper/lower limit overload | per module via LED and BUS |
| Short-circuit and overload            | yes                        |

**Commercial data**

|                       |               |
|-----------------------|---------------|
| country of origin     | TH            |
| customs tariff number | 85389099      |
| EAN                   | 4048879423540 |
| eClass                | 27242601      |
| Packaging unit        | 1.000         |