

CUBE20 AO4 U/I

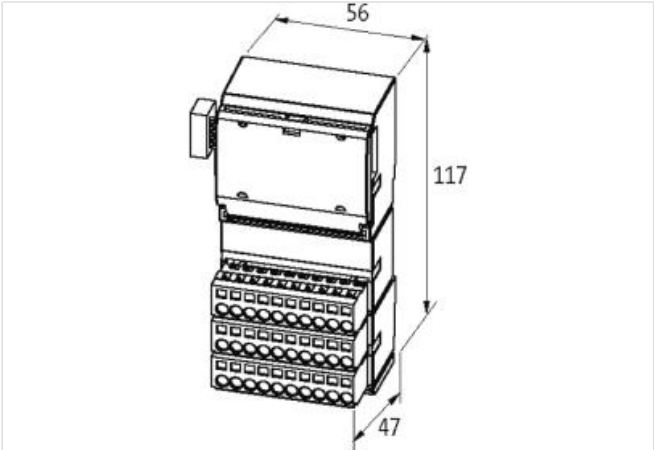
Expansion module  
AO4 - (E) U/I

[Link to Product](#)

Illustration



Product may differ from Image



Commercial data

|                       |               |
|-----------------------|---------------|
| ECLASS-6.0            | 27242601      |
| ECLASS-6.1            | 27242601      |
| ECLASS-7.0            | 27242601      |
| ECLASS-8.0            | 27242601      |
| ECLASS-9.0            | 27242601      |
| ECLASS-10.1           | 27242601      |
| ECLASS-11.1           | 27242601      |
| ECLASS-12.0           | 27242601      |
| ETIM-5.0              | EC001596      |
| customs tariff number | 85176200      |
| GTIN                  | 4048879049207 |
| Packaging unit        | 1             |

Electrical data | Supply

|                            |                       |
|----------------------------|-----------------------|
| Idle current external max. | 90 mA                 |
| Current consumption max.   | 25 mA                 |
| Total current UA max.      | 4 A                   |
| Total current US max.      | 4 A                   |
| module supply              | via system connection |

Electrical data | Output

|                                               |      |
|-----------------------------------------------|------|
| Working resistance max.                       | 60 Ω |
| Load resistance min.                          | 1 kΩ |
| Conversion time analog output per channel max | 1 ms |

| Diagnostics                              |                                  |
|------------------------------------------|----------------------------------|
| Actuator warning                         | per channel via LED and BUS      |
| Diagnostic                               | Under voltage                    |
| Diagnostic via BUS                       | per module and channel           |
| Diagnostic via LED                       | per module and channel           |
| Short circuit diagnosis                  | yes                              |
| LED display                              | Ethernet connection/data traffic |
| Overload diagnosis                       | yes                              |
| Installation                             |                                  |
| Connection cross section max.            | 2,5 mm <sup>2</sup>              |
| Device protection   Electrical           |                                  |
| Degree of protection (EN IEC 60529)      | IP20                             |
| Galvanic separation (operating voltage)  | yes                              |
| Galvanic separation input/input          | yes                              |
| Mechanical data   Mounting data          |                                  |
| Mounting method                          | geschnappt                       |
| Suitable for mounting type               | mounting rail, (EN 60715)        |
| Height                                   | 117 mm                           |
| Width                                    | 56 mm                            |
| Depth                                    | 47 mm                            |
| Environmental characteristics   Climatic |                                  |
| Operating temperature min.               | 0 °C                             |
| Operating temperature max.               | 55 °C                            |
| Storage temperature min.                 | -20 °C                           |
| Storage temperature max.                 | 85 °C                            |
| Conformity                               |                                  |
| Product standard                         | EN 61131-2                       |
| Connection type 3                        |                                  |
| Connection type 1                        | X0                               |
| Connection type 2                        | X1                               |
| Connection type 3                        | X1                               |
| Connection                               | Spring clamp terminals FK        |
| Family construction form                 | terminal                         |
| Gender                                   | female                           |
| Color contact carrier                    | colorless                        |
| No. of poles                             | 10                               |
| PIN 1                                    | U 0                              |
| PIN 2                                    | I 0                              |
| PIN 3                                    | U 1                              |
| PIN 4                                    | I 1                              |
| PIN 5                                    | U 2                              |
| PIN 6                                    | I 2                              |
| PIN 7                                    | U 3                              |
| PIN 8                                    | I 3                              |
| PIN 9                                    | UA                               |
| PIN 10                                   | UA                               |
| Connection                               | Spring clamp terminals FK        |
| Family construction form                 | terminal                         |
| Gender                                   | female                           |
| Color contact carrier                    | colorless                        |
| No. of poles                             | 10                               |

|                          |                           |
|--------------------------|---------------------------|
| PIN 1                    | 0 V                       |
| PIN 2                    | UA 0                      |
| PIN 3                    | 0 V                       |
| PIN 4                    | UA 1                      |
| PIN 5                    | 0 V                       |
| PIN 6                    | UA 2                      |
| PIN 7                    | 0 V                       |
| PIN 8                    | UA 3                      |
| PIN 9                    | 0 V                       |
| PIN 10                   | 0 V                       |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | colorless                 |
| No. of poles             | 10                        |
| PIN 1                    | FE                        |
| PIN 2                    | FE                        |
| PIN 3                    | FE                        |
| PIN 4                    | FE                        |
| PIN 5                    | FE                        |
| PIN 6                    | FE                        |
| PIN 7                    | FE                        |
| PIN 8                    | FE                        |
| PIN 9                    | UI                        |
| PIN 10                   | UI                        |