

CUBE20 ANALOG INPUT MODULE

4 analog inputs

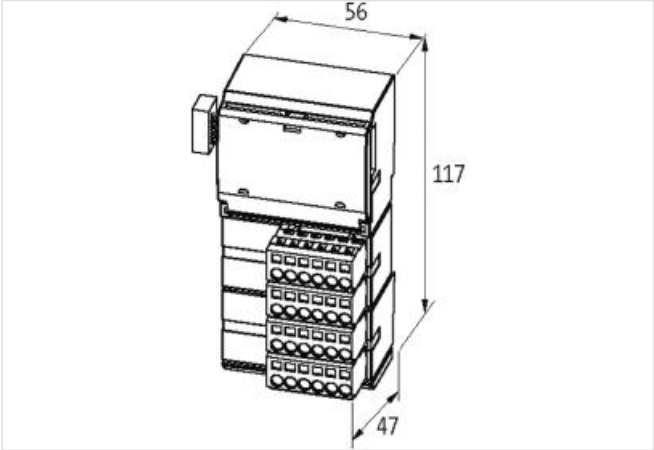
for resistors and temperature
AI4 - (E) RTD

[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 | 4048879049184 |
| Packaging unit | 1 |

Electrical data | Supply

| | |
|----------------------------|-----------------------|
| Idle current external max. | 70 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 | Input

| | |
|---|---|
| Type input | 1000, Pt100, Ni100, 200, 200, R 0...3000 Ω, 120, 500, 500 |
| Conversion time analog input per channel max. | 600 ms |

Diagnostics

| | |
|---|----------------------------------|
| Diagnostic | Under voltage |
| Diagnostic via BUS | per module and channel |
| Diagnostic via LED | per module |
| Short circuit diagnosis | yes |
| LED display | Ethernet connection/data traffic |
| Overload diagnosis | yes |
| Installation | |
| Connection cross section max. | 2,5 mm ² |
| Device protection Electrical | |
| Degree of protection (EN IEC 60529) | IP20 |
| 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 |
| Connection type 4 | |
| Connection type 1 | X0 |
| Connection type 2 | X1 |
| Connection type 3 | X2 |
| Connection type 4 | X2 |
| Connection | Spring clamp terminals FK |
| Family construction form | terminal |
| Gender | female |
| Color contact carrier | colorless |
| No. of poles | 6 |
| PIN 1 | + R 0 |
| PIN 2 | + R 1 |
| PIN 3 | + R 2 |
| PIN 4 | + R 3 |
| PIN 5 | UI |
| PIN 6 | UI |
| Connection | Spring clamp terminals FK |
| Family construction form | terminal |
| Gender | female |
| Color contact carrier | colorless |
| No. of poles | 6 |
| PIN 1 | RL 0 |
| PIN 2 | RL 1 |
| PIN 3 | RL 2 |
| PIN 4 | RL 3 |
| PIN 5 | 0 V |
| PIN 6 | 0 V |
| Connection | Spring clamp terminals FK |
| Family construction form | terminal |
| Gender | female |
| Color contact carrier | colorless |

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