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## CUBE20 ANALOG INPUT MODULE

4 analog inputs

Al4 - (E) $4 \times$ M12 (TH)
for thermo elements

Link to Product
Illustration



Product may differ from Image

## UK <br> CA <br> © C

| 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 | 4048879049177 |
| Packaging unit | 1 |
| Electrical data \| Supply |  |
| Idle current external max. | 45 mA |
| Current consumption max. | 25 mA |
| Total current UA max. | 4 A |
| Total current US max. | 4 A |
| module supply | via system conne |

## Electrical data | Input

Type input

$$
\mathrm{E}, \mathrm{~J}, \mathrm{~K}, \mathrm{~N}, \mathrm{R}
$$

Conversion time analog input per channel max. 300 ms

## Diagnostics

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| 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. | $0^{\circ} \mathrm{C}$ |
| Operating temperature max. | $55^{\circ} \mathrm{C}$ |
| Storage temperature min. | $-20^{\circ} \mathrm{C}$ |
| Storage temperature max. | $85^{\circ} \mathrm{C}$ |
| Connection type 4 |  |
| Connection type 1 | xo |
| 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 | TH $0+$ |
| PIN 2 | TH $1+$ |
| PIN 3 | TH $0+$ |
| PIN 4 | TH $1+$ |
| 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 | KTY 0 |
| PIN 2 | KTY 0 |
| PIN 3 | KTY 1 |
| PIN 4 | KTY 1 |
| 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 | TH $0-$ |
| PIN 2 | TH 1- |
| PIN 3 | TH $0-$ |
| PIN 4 | TH $1-$ |
| PIN 5 | 0 V |

