MURR ELEKTRONIK
stay connected

## CUBE20S ANALOG INPUT MODULE AI2

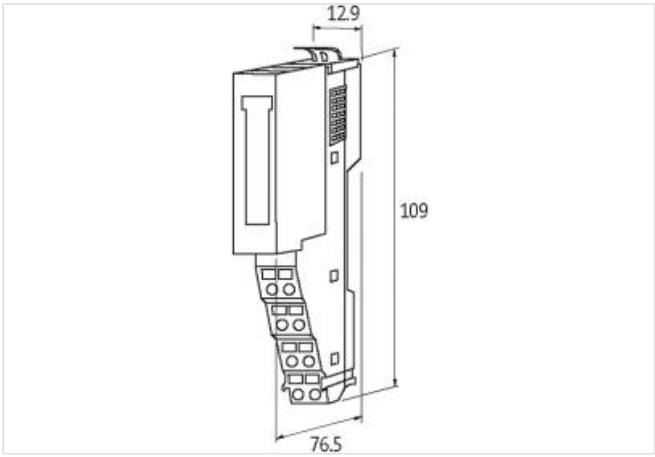
2X16Bit TH 22 Parameter Bytes

Expansion module
AI2 - (E) TC
for thermo elements

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 | 85389099 |
| GTIN | 4048879423496 |
| Packaging unit | 1 |

### Electrical data | Supply

| | |
|---|---|
| Idle current external max. | 30 mA |
| Current consumption max. | 75 mA |
| module supply | via system connection |

### Electrical data | Input

| | |
|---|---|
| Type input | E, B, C, J, K, L, N, R, S, T |
| Conversion time analog input per channel max. | 324,1 ms |

### Diagnostics

| | |
|---|---|
| Diagnostic | Under voltage |

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| | |
|---|---|
| Diagnostic via BUS | per module |
| Diagnostic via LED | per module and channel |
| Short circuit diagnosis | yes |
| LED display | Ethernet connection/data traffic |
| Overload diagnosis | yes |
| **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 | 109 mm |
| Width | 12,9 mm |
| Depth | 76,5 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 2** | |
| Connection type 1 | Power |
| Connection type 2 | Power |
| Connection | Spring clamp terminals FK |
| Family construction form | terminal |
| Gender | female |
| No. of poles | 8 |
| PIN 1 | n.c. |
| PIN 2 | 24 V DC |
| PIN 3 | 0 V |
| PIN 4 | 24 V DC Sys |
| PIN 5 | n.c. |
| PIN 6 | 24 V DC |
| PIN 7 | 0 V |
| PIN 8 | 0 V Sys |
| Connection | Spring clamp terminals FK |
| Family construction form | terminal |
| Gender | female |
| No. of poles | 8 |
| PIN 1 | + TC 0 |
| PIN 2 | - TC 0 |
| PIN 5 | + TC 1 |
| PIN 6 | - TC 1 |

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