

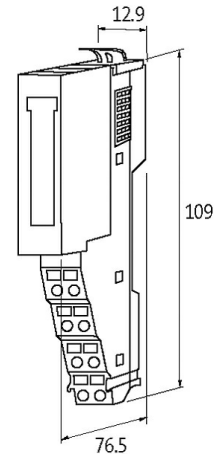
## CUBE20S ANALOG INPUT MODULE AI2

2X16Bit TH 22 Parameter Bytes

Expansion module  
AI2 - (E) TC  
for thermo elements

### [Link to Product](#)

#### Illustration



Product may differ from Image



#### General data

Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+55 °C (storage temperature -20...+85 °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	2-wire input; TH+x, TH-x
Accuracy	max. ±0.3%, cold junction compensation
Conversion time (analog)	max. 4.2...324.1 ms, 50 Hz (per channel)
Resolution (analog)	15 Bit + sign
Type	B, C, E, J, K, L, N, R, S, T

#### Internal communication

Current consumption	max. 75 mA from the system, max. 30 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 channel via LED and BUS

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 03/22

Short-circuit and overload                      yes

**Commercial data**

country of origin	TH
customs tariff number	85389099
EAN	4048879423496
eClass	27242601
Packaging unit	1.000