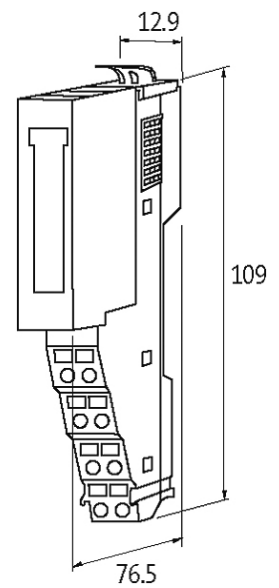


CUBE20S ANALOG INPUT MODULE AI2

2X16Bit TH 22 Parameter Bytes

Expansion module
AI2 - (E) TC
for thermo elements

[Link to Product](#)**Illustration**

Product may differ from Image

Approvals



Input

Conversion time (analog)	max. 4.2...324.1 ms, 50 Hz (per channel)
Type	B, C, E, J, K, L, N, R, S, T
Resolution (analog)	15 Bit + sign
Accuracy	max. $\pm 0.3\%$, cold junction compensation
Connection	2-wire input; TH+x, TH-x

Internal communication

Module supply	via system connection
Current consumption	max. 75 mA from the system, max. 30 mA externally (UI)

General data

Protection	IP20
Connection	Spring clamp plug-in terminals: max. 1.5 mm ² (AWG 16)
Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+55 °C (storage temperature -20...+85 °C)
Dimensions H x W x D	109x12.9x76.5 mm

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
Short-circuit and overload	yes
Wire break upper/lower limit overload	per channel via LED and BUS

Commercial data

country of origin	TH
customs tariff number	85389099
EAN	4048879423496
eClass	27242601
Packaging unit	1