

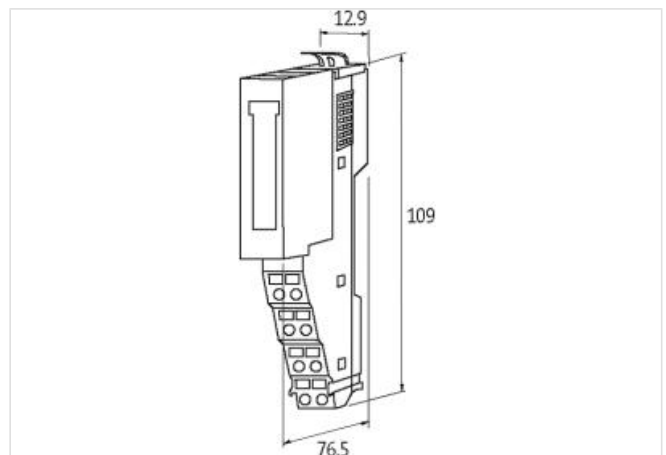
CUBE20S ANALOG INPUT MODULE AI2

2x16Bit TH 10 Parameter Bytes

Expansion module
AI2 - (E) TC 7 Byte
for thermo elements

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

Product may differ from Image

**Technical Data**

Operating voltage 24 V DC (20.4...28.8 V DC)

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 mm² (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) 84.2 ms (per channel)
 Resolution (analog) 15 Bit + sign
 Type B, C, E, J, K, L, N, R, S, T

Internal communication

Current consumption max. 55 mA from the system, max. 30 mA externally (UI)
 Module supply via system connection

Product article number of manufacturer 57234

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
Short-circuit and overload	yes