

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

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
Commercial data	
country of origin	TH
customs tariff number	85389099
EAN	4048879423571
eClass	27242601
Packaging unit	1.000