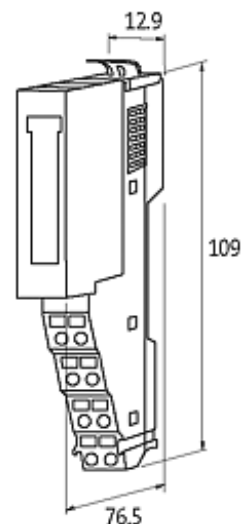


CUBE20S ANALOG INPUT MODULE AI2

2x16Bit TH 10 Parameter Bytes

Expansion module
AI2 - (E) TC 7 Byte
for thermo elements[Link to Product](#)**Illustration**

Product may differ from Image

Approvals



Input	
Conversion time (analog)	84.2 ms (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. 55 mA from the system, max. 30 mA externally (UI)
Technical Data	
Operating voltage	24 V DC (20.4...28.8 V DC)
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
minimum order quantity	1