

## CUBE20S ANALOG INPUT MODULE AI2

2x16Bit TH 10 Parameter Bytes

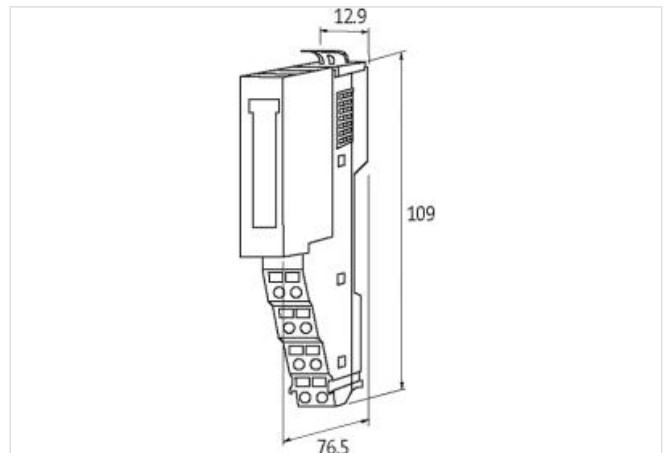
Expansion module  
AI2 - (E) TC 7 Byte  
for thermo elements

### [Link to Product](#)

#### Illustration



Product may differ from Image



#### Commercial data

ECLASS-6.0	27242601
ECLASS-6.1	27242601
ECLASS-7.0	27242601
ECLASS-8.0	27242601
ECLASS-9.0	27242601
ECLASS-10.1	27242601
ECLASS-11.1	27242601
ECLASS-12.0	27242601
ETIM-5.0	EC001596
customs tariff number	85389099
GTIN	4048879423571
Packaging unit	1

#### Electrical data | Supply

Operating voltage DC	24 V
Operating voltage DC min.	20,4 V
Operating voltage DC max.	28,8 V
Idle current external max.	30 mA
Current consumption max.	55 mA
module supply	via system connection

#### Electrical data | Input

Type input	E, B, C, J, K, L, N, R, S, T
------------	------------------------------

Conversion time analog input per channel 84,2 ms

#### Diagnostics

Diagnostic	Under voltage
Diagnostic via BUS	per module
Diagnostic via LED	per module and channel
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes

#### Device protection | Electrical

Degree of protection (EN IEC 60529) IP20

#### Mechanical data | Mounting data

Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	109 mm
Width	12,9 mm
Depth	76,5 mm

#### Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	85 °C

#### Connection type 2

Connection type 1	Power
Connection type 2	Power
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
No. of poles	8
PIN 1	n.c.
PIN 2	24 V DC
PIN 3	0 V
PIN 4	24 V DC Sys
PIN 5	n.c.
PIN 6	24 V DC
PIN 7	0 V
PIN 8	0 V Sys
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
No. of poles	8
PIN 1	+ TC 0
PIN 2	- TC 0
PIN 5	+ TC 1
PIN 6	- TC 1