

## CUBE20 ANALOG INPUT MODULE

4 analog inputs

Art.No.: 56240

Weight: 0.179 kg

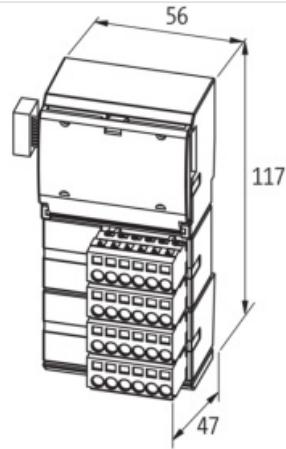
Country of origin: CZ

Model designation: Cube20 AI4 TH

AI4 - (E) 4x M12 (TH)  
for thermo elements

## Link to Product

## Illustration



Product may differ from Image



## Header

## Material short text

Cube20 AI4 TH

## Commercial data

URL Webshop	<a href="https://shop.murrelektronik.com/56240">https://shop.murrelektronik.com/56240</a>
GTIN	4048879049177
ECLASS-6.0	27242601
ECLASS-6.1	27242601
ECLASS-7.0	27242601
ECLASS-7.1	27242601
ECLASS-8.0	27242601
ECLASS-8.1	27242601
ECLASS-9.0	27242601
ECLASS-9.1	27242601
ECLASS-10.0.1	27242601
ECLASS-10.1	27242601
ECLASS-11.0	27242601
ECLASS-11.1	27242601
ECLASS-12.0	27242601
ECLASS-13.0	27242601
ECLASS-14.0	27242601

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ETIM-5.0	EC001596
ETIM-6.0	EC001596
ETIM-7.0	EC001596
ETIM-8.0	EC001596
customs tariff number	85176200
EAN	4048879049177
Packaging unit	1

#### Electrical data | Supply

Total current US max.	4 A
Total current UA max.	4 A
Idle current external max.	45 mA
Current consumption max.	25 mA
module supply	via system connection

#### Electrical data | Input

Type input	E, K, J, N, R
Conversion time analog input per channel max. 300 ms	

#### Diagnostics

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

#### Installation

Connection cross section max.	2,5 mm <sup>2</sup>
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#### Device protection | Electrical

Degree of protection (EN IEC 60529)	IP20
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#### Mechanical data | Mounting data

Height	117 mm
Width	56 mm
Depth	47 mm
Mounting method	geschnappt
Suitable for mounting type	(EN 60715), mounting rail

#### Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	55 °C
Ambient temperature (storage, transport)	-20 °C

#### Connection type 4

Connection type 1	X0
Connection type 2	X1
Connection type 3	X2
Connection type 4	X2
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	TH 0 +
PIN 2	TH 1 +
PIN 3	TH 0 +
PIN 4	TH 1 +

PIN 5	UI
PIN 6	UI
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	KTY 0
PIN 2	KTY 0
PIN 3	KTY 1
PIN 4	KTY 1
PIN 5	0 V
PIN 6	0 V
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	FE
PIN 2	FE
PIN 3	FE
PIN 4	FE
PIN 5	0 V
PIN 6	0 V
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	TH 0 -
PIN 2	TH 1 -
PIN 3	TH 0 -
PIN 4	TH 1 -
PIN 5	0 V
PIN 6	0 V