

CUBE67 I/O COMPACT MODULE

4 analog inputs (TH)

Art.No.: 56748

Weight: 0.12

Country of origin: DE

Model designation: Cube67 AI4 C 4xM12 TH

Compact module

AI4 - (C) 4x M12 (TH)

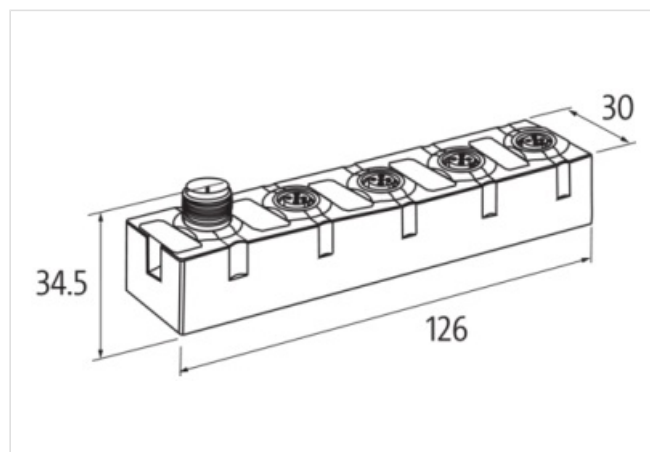
for thermo elements

Connection cables are in the online shop under "Connection Technology".

Housing fully potted.

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

Product may differ from Image

**Header**

Material short text	Cube67 AI4 C 4xM12 TH
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Commercial data

URL Webshop	https://shop.murrelektronik.com/56748
GTIN	4048879048194
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
ETIM-5.0	EC001596
ETIM-6.0	EC001596
ETIM-7.0	EC001596
ETIM-8.0	EC001596
customs tariff number	85389099
EAN	4048879048194
Packaging unit	1

Electrical data | Supply

Total current US max.	4 A
Total current UA max.	4 A
Current consumption max.	50 mA

Electrical data | Input

Cold junction compensation	inside M12 connector
Sensor type	J, E, K, R, N
Conversion time analog input per channel	65 ms

Diagnostics

Actuator warning	per channel via LED and BUS
Short circuit diagnosis	yes
Overload diagnosis	yes
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
LED display	Ethernet connection/data traffic

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP67
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Mechanical data | Mounting data

Height	126 mm
Width	30 mm
Depth	34.5 mm
Suitable for mounting type	2-hole screw mounting

Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	75 °C

Connection type 2

Connection type 1	0-3
Connection type 2	Bus In
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	KTY +
PIN 2	TH +
PIN 3	KTY -
PIN 4	TH -
PIN 5	n.c.

Family construction form	M12
No. of poles	6
Coding	A
Gender	male
Color contact carrier	black
PIN 1	24 V DC (UA)
PIN 2	24 V DC (US)
PIN 3	0 V
PIN 4	Bus internal
PIN 5	Bus internal
PIN 6	0 V

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