CUBE67 I/O EXTENSION MODULE

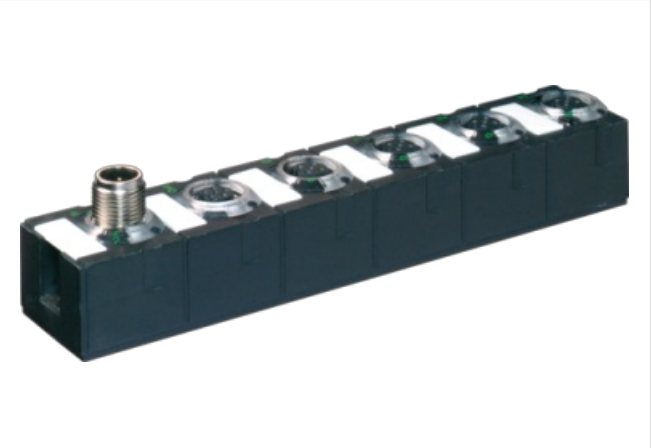
4 analog inputs (I)

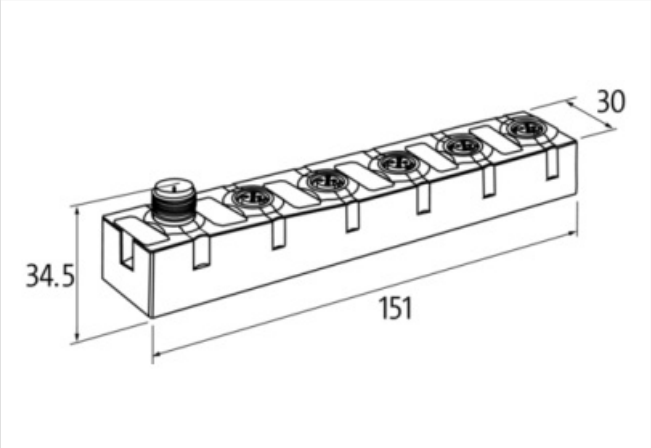
Art.No.: 56731
Weight: 0,170 kg
Country of origin: CZ
Model designation: Cube67 AI4 E 4xM12 (I)

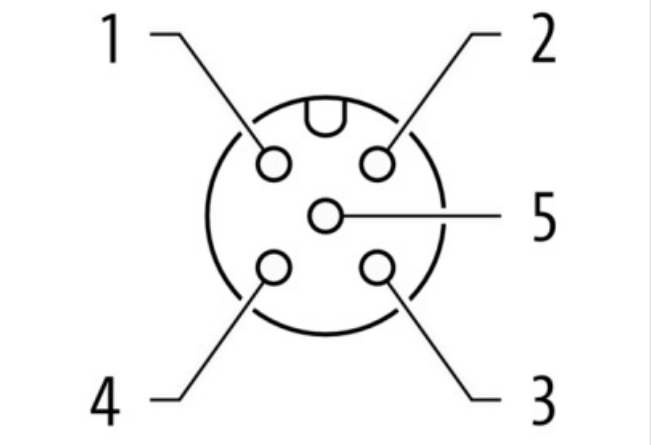
Expansion module
AI4 - (E) 4× M12 (I)
Current
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.

Link to Product

Illustration







Product may differ from Image

Commercial data

URL Webshop	https://shop.murrelektronik.com/56731
GTIN	4048879288057

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Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-10-14

EU-Customs tariff number	85389099
US-Customs tariff number	8538908180
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
ETIM-9.0	EC001596
ETIM-10.0	EC001596
customs tariff number	85389099
EAN	4048879288057
Packaging unit	1

Electrical data | Supply

Norm operating voltage	IEC/EN 61131-2
Operating voltage US DC	24 V
Total current US max.	4 A
Total current UA max.	4 A
Current consumption max.	50 mA

Electrical data | Input

Input current min.	0 mA
Input current	20 mA
Current input mode 2 min.	4 mA
Current input mode 2 max.	20 mA
Sensor current US per input max.	0.2 A
Short-circuit protected	Yes
Overload resistant	Yes
Differential input	Yes
Working resistance max.	300 Ω
Conversion time analog input per channel	2 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

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Degree of protection (EN IEC 60529)	IP67
Mechanical data | Mounting data	
Height	150 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
Ambient temperature (storage, transport)	-20 °C … 75 °C
Connection type 3-3	
Connection type 1	0-7
Connection type 2	Bus In
Connection type 3	Bus Out
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC (US)
PIN 2	AI +
PIN 3	0 V
PIN 4	AI -
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
Family construction form	M12
No. of poles	6
Coding	A
Gender	female
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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