

CUBE67+ I/O EXTENSION MODULE

4 multif. channels + RS232/485/MOVIMOT

Art.No.: 56761

Weight: 0.177 kg

Country of origin: CZ

Model designation: Cube67+ DIO4 RS232/485 E 4xM12

Expansion module

DIO4 RS232/485 (E) - 4x M12 MOVIMOT®

Serial interface

Digital inputs/outputs (multifunctional)

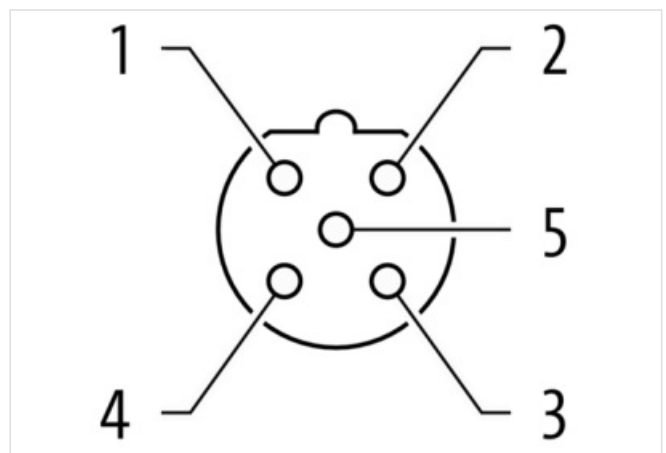
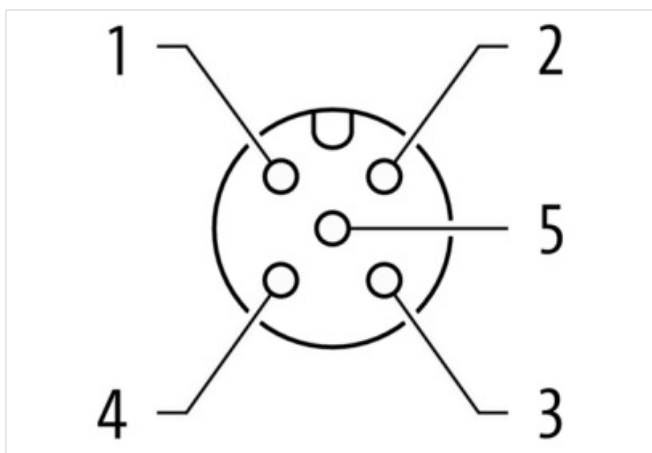
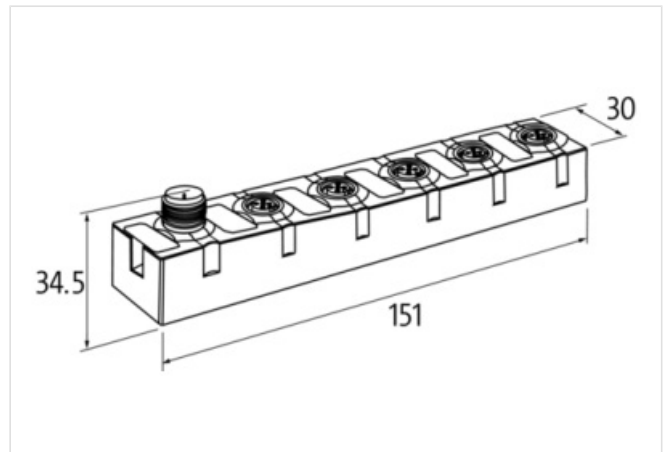
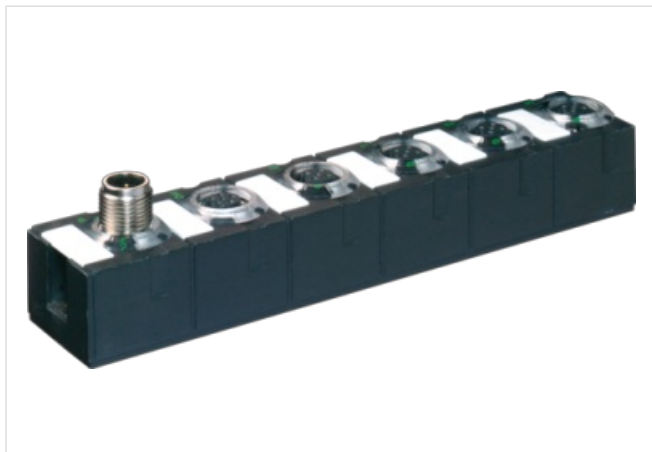
Connection cables are in the online shop under "Connection Technology".

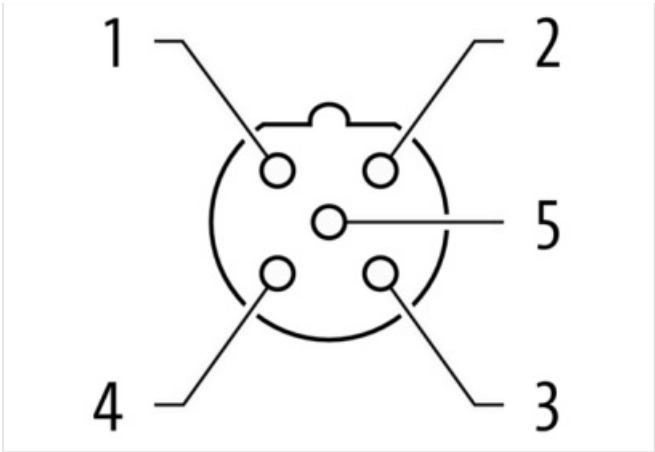
Housing fully potted.

Cube67+ modules can only be operated on Cube67+, EtherNet/IP, PROFIBUS + PROFINET bus nodes.

[Link to Product](#)

Illustration





Product may differ from Image



Commercial data	
URL Webshop	https://shop.murrelektronik.com/56761
GTIN	4048879048132
EU-Customs tariff number	85389099
US-Customs tariff number	8538908180
Compatible with:	56521 ; 56526
ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-7.1	27242604
ECLASS-8.0	27242604
ECLASS-8.1	27242604
ECLASS-9.0	27242604
ECLASS-9.1	27242604
ECLASS-10.0.1	27242604
ECLASS-10.1	27242604
ECLASS-11.0	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ECLASS-13.0	27242604
ECLASS-14.0	27242604
ETIM-5.0	EC001601
ETIM-6.0	EC001601
ETIM-7.0	EC001601
ETIM-8.0	EC001601
ETIM-9.0	EC001601
ETIM-10.0	EC001601
customs tariff number	85389099
EAN	4048879048132
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
Operating voltage UA DC	24 V
Total current UA max.	4 A
Current consumption max.	80 mA

Electrical data | Input

Sensor current US per input max.	0,2 A
Short-circuit protected	Yes
Overload resistant	Yes
filter time	1 ms
Type input	for 3-wire sensors or mechanical switches, PNP

Electrical data | Output

Output current per pin max.	0,5 A
Overload resistant	Yes
Short-circuit protected	Yes
Lamp load	10 W

Industrial Communication

Data transmission rate max.	230,4 kbit/s
-----------------------------	--------------

Industrial communication | Ethernet functionality

duplex	Full or half duplex
--------	---------------------

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
-------------------------------------	------

Mechanical data | Mounting data

Height	151 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 5

Connection type 1	Bus In
Connection type 2	Bus Out
Connection type 3	I / O
Connection type 4	RS232
Connection type 5	RS485
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
Family construction form	M12
No. of poles	5
Coding	A
Gender	female
Color contact carrier	black
PIN 1	24 V DC
PIN 2	DI / DO / Diag
PIN 3	0 V
PIN 4	DI / DO
PIN 5	FE
Family construction form	M12
No. of poles	5
Coding	B
Gender	female
Color contact carrier	black
PIN 1	RTS
PIN 2	TXD
PIN 3	0 V (separated)
PIN 4	RXD
PIN 5	CTS
Family construction form	M12
No. of poles	5
Coding	B
Gender	female
Color contact carrier	black
PIN 1	24 V DC
PIN 2	RS -
PIN 3	0 V
PIN 4	RS +
PIN 5	FE