CUBE67 I/O EXTENSION MODULE

4 multifunction channels,1 RS485 Port

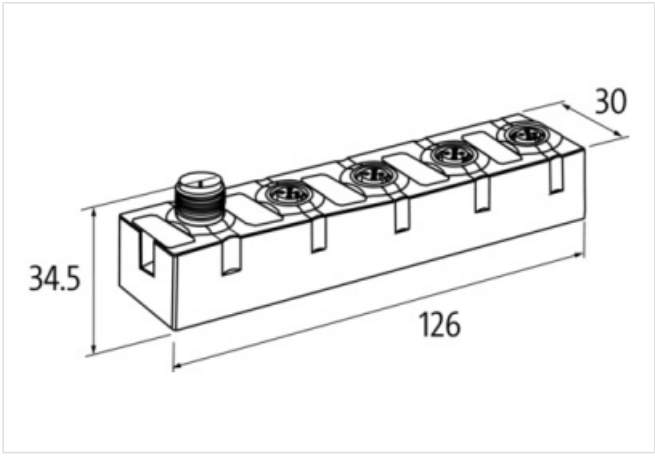
Art.No.: 56760
Weight: 0,120 kg
Country of origin: CZ
Model designation: Cube67 DIO4 RS485 E 3xM12

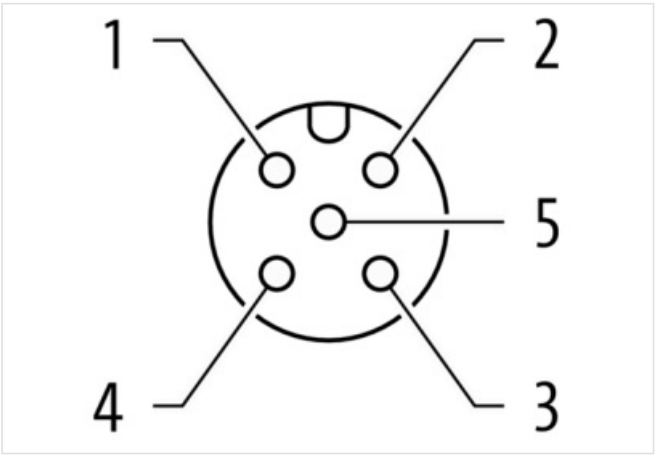
Expansion module
DIO4 RS485 (E) - 3× M12
Digital inputs/outputs (multifunctional)
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.
S7 function block for SEW MOVIMOT® via www.murrelektronik.com

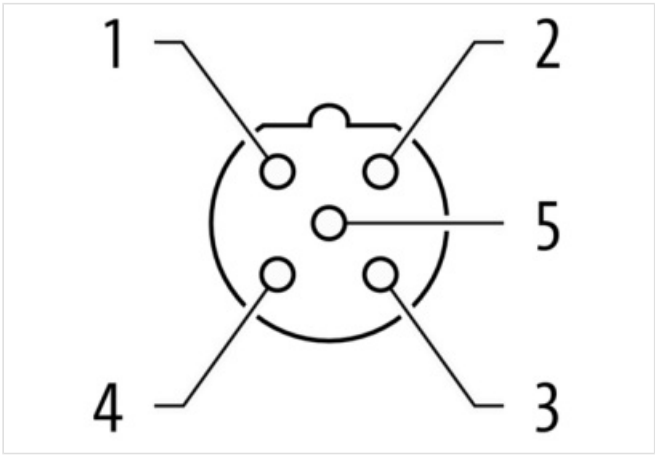
Link to Product

Illustration









Product may differ from Image

Commercial data

URL Webshop	https://shop.murrelektronik.com/56760

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-10-14

GTIN	4048879048149
EU-Customs tariff number	85389099
US-Customs tariff number	8538908180
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	4048879048149
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.	50 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.	9.6 kbit/s
Industrial communication | Ethernet functionality	
duplex	half-duplex
Diagnostics	
Actuator warning	per channel via LED and BUS

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-10-14

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	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
Ambient temperature (storage, transport)	-20 °C … 75 °C
Connection type 4-4	
Connection type 1	Bus In
Connection type 2	Bus Out
Connection type 3	I / O
Connection type 4	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

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-10-14

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	24 V DC
PIN 2	RS -
PIN 3	0 V
PIN 4	RS +
PIN 5	FE

The information in this Product-PDF has been compiled with the utmost care.
Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2026-10-14