

CUBE67 I/O COMPACT MODULE

16 multifunction channels

Art.No.: 56600

Weight: 0.210 kg

Country of origin: CZ

Model designation: Cube67 DIO16 C 8xM12

Compact module

DIO16 - 0.5 A (C) - 8x M12

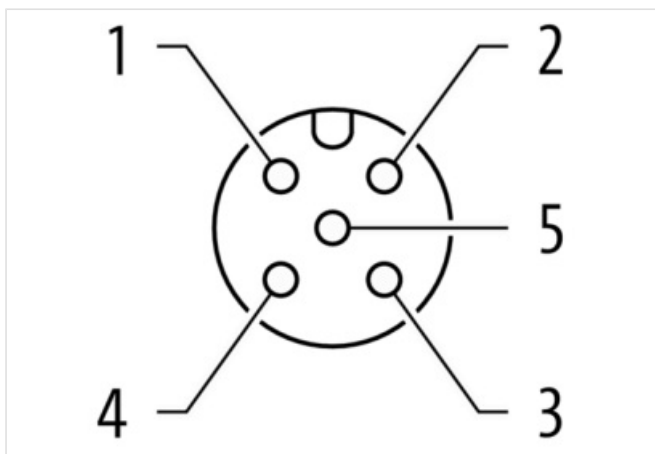
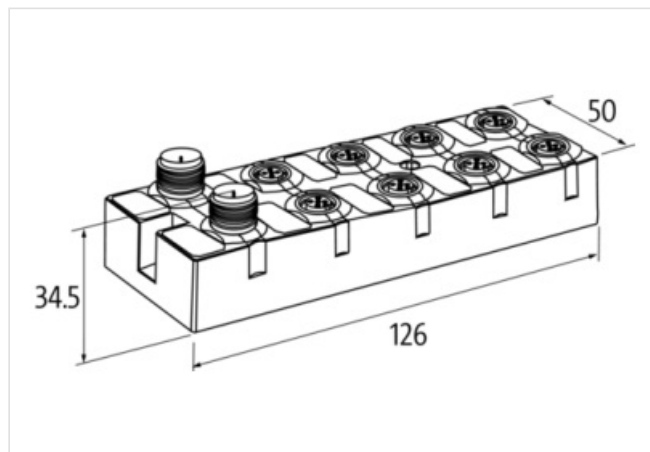
short-circuit and overload protected

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/56600>

GTIN

4048879048606

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	EC001599
ETIM-6.0	EC001599
ETIM-7.0	EC001599
ETIM-8.0	EC001599
ETIM-9.0	EC001599
ETIM-10.0	EC001599
customs tariff number	85389099
EAN	4048879048606
Packaging unit	1

Electrical data

Terminating resistor	integrated
----------------------	------------

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
Total current UA PowerIN 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

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	126 mm
Width	50 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	
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	DI / DO / Diag
PIN 3	0 V
PIN 4	DI / DO
PIN 5	PE
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 6	0 V