

CUBE67 I/O EXTENSION MODULE

32 multifunction channels

Art.No.: 56642

Weight: 0.6

Country of origin: CZ

Model designation: Cube67 DIO32 E 16xM12

Expansion module

DIO32 - 0.5 A (E) - 16x M12

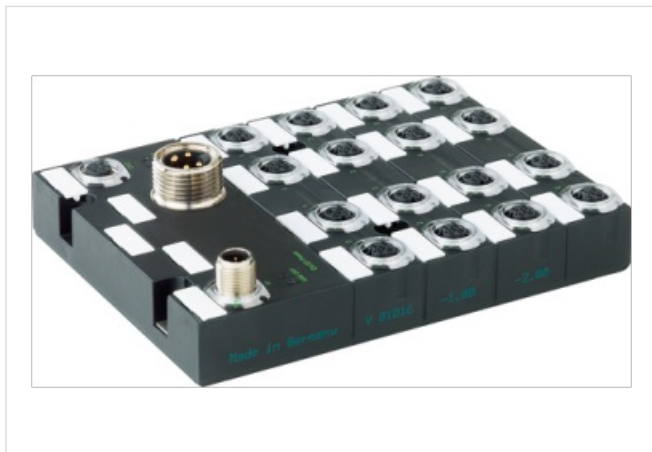
Digital inputs/outputs (multifunctional)

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

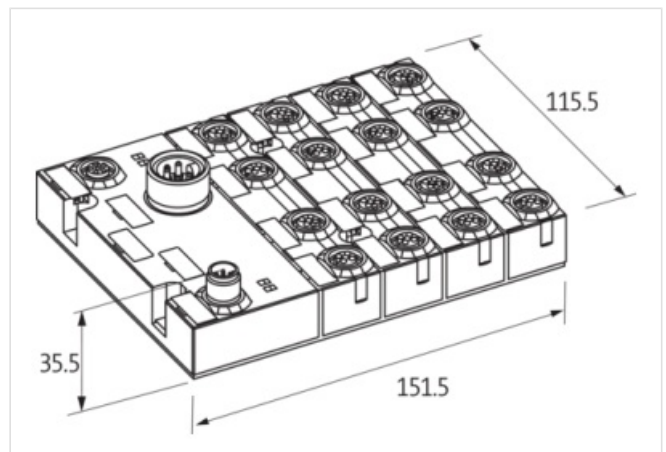
Housing fully potted.

[Link to Product](#)

Illustration



Product may differ from Image



Header

Material short text Cube67 DIO32 E 16xM12

Commercial data

URL Webshop	https://shop.murrelektronik.com/56642
GTIN	4048879353083
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
customs tariff number	85389099
EAN	4048879353083
Packaging unit	1

Electrical data | Supply

Operating voltage DC	24 V
Operating voltage US DC	24 V
Total current US max.	4 A
Total current UA max.	4 A
Current consumption max.	60 mA

Electrical data | Input

Sensor current US per input max.	0.2 A
Short-circuit protected	yes
Overload resistant	yes
Input filter time	1 ms
Type input	for 3-wire sensors or mechanical switches, PNP

Electrical data | Output

Output current max.	0.5 A
Load lamp side 1 max.	10 W
Load lamp side 2 max.	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
Overload resistant	yes

Mechanical data | Mounting data

Height	151.5 mm
Width	115.5 mm
Depth	35.5 mm
Suitable for mounting type	4 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

Conformity

Product standard	EN 61131-2
------------------	------------

Connection type 4

Connection type 1	0-7
-------------------	-----

Connection type 2	Bus In
Connection type 3	Bus Out
Connection type 4	Power In (UA 0) (UA 1)
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 2	24 V DC (US)
PIN 3	0 V
PIN 4	Bus internal
PIN 5	Bus internal
PIN 6	0 V
Family construction form	7/8"
No. of poles	5
Gender	male
Color contact carrier	black
PIN 1	0 V
PIN 2	0 V
PIN 3	PE
PIN 4	24 V DC (UA 0)
PIN 5	24 V DC (UA 1)

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Murrelektronik:](#)

[56642](#)