

TERMINAL MODULE CUBE67 IP66

8 digital inputs, 8 multifunction channels

Art.No.: 56681

Weight: 0.28

Country of origin: CZ

Model designation: Cube67 DIO8/DI8 E TB Box

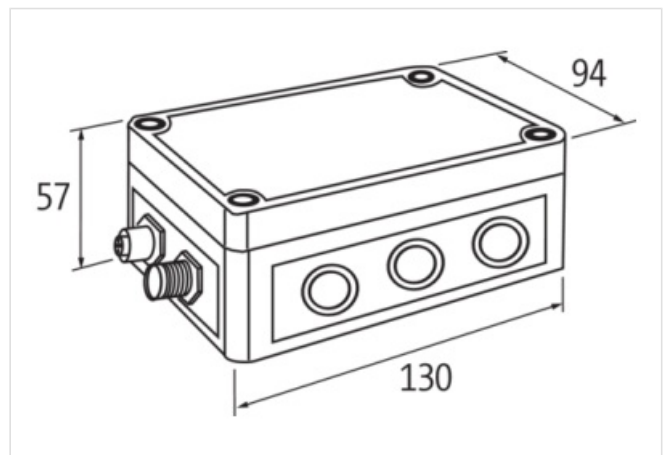
Terminal module

DIO8/DI8 - (E) TB-Box

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

[Link to Product](#)**Illustration**

Product may differ from Image

**Header**

Material short text Cube67 DIO8/DI8 E TB Box

Commercial data

URL Webshop	https://shop.murrelektronik.com/56681
GTIN	4048879048293
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	4048879048293
Packaging unit	1

Electrical data | Supply

Norm operating voltage	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
Input 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

Installation | Pin assignment

Terminal row X0	Input
Terminal row X1	Input/Output

Device protection | Electrical

Degree of protection (EN IEC 60529)	IP66
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Mechanical data | Mounting data

Height	130 mm
Width	94 mm
Depth	57 mm
Mounting method	screwed

Environmental characteristics | Climatic

Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	75 °C

Connection type 6

Connection type 1	Bus In
Connection type 2	Bus Out

Connection type 3	X0
Connection type 4	X1
Connection type 5	X2
Connection type 6	X3
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	terminal
No. of poles	8
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	DI 10
PIN 2	DI 11
PIN 3	DI 12
PIN 4	DI 13
PIN 5	DI 14
PIN 6	DI 15
PIN 7	DI 16
PIN 8	DI 17
Family construction form	terminal
No. of poles	8
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	DI / DO 00
PIN 2	DI / DO 01
PIN 3	DI / DO 02
PIN 4	DI / DO 03
PIN 5	DI / DO 04
PIN 6	DI / DO 05
PIN 7	DI / DO 06
PIN 8	DI / DO 07
Family construction form	terminal

No. of poles	8
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	24 V DC (US) 00
PIN 2	24 V DC (US) 01
PIN 3	24 V DC (US) 02
PIN 4	24 V DC (US) 03
PIN 5	24 V DC (US) 04
PIN 6	24 V DC (US) 05
PIN 7	24 V DC (US) 06
PIN 8	24 V DC (US) 07
Family construction form	terminal
No. of poles	8
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	0 V 00
PIN 2	0 V 01
PIN 3	0 V 02
PIN 4	0 V 03
PIN 5	0 V 04
PIN 6	0 V 05
PIN 7	0 V 06
PIN 8	0 V 07