

TERMINAL MODULE CUBE 67 IP67

8 digital inputs, 8 multifunction channels

Terminal module

DIO8/DI8 - (E) TB-Rail

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

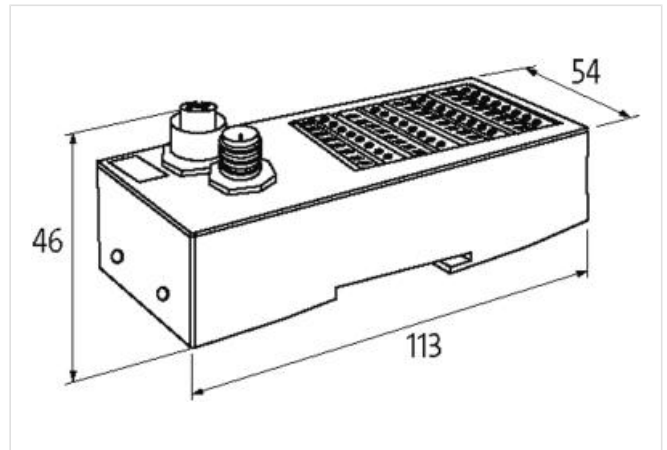
Housing fully potted.

[Link to Product](#)

Illustration



Product may differ from Image



Commercial data

ECLASS-6.0	27242604
ECLASS-6.1	27242604
ECLASS-7.0	27242604
ECLASS-8.0	27242604
ECLASS-9.0	27242604
ECLASS-10.1	27242604
ECLASS-11.1	27242604
ECLASS-12.0	27242604
ETIM-5.0	EC001599
customs tariff number	85389099
GTIN	4048879048279
Packaging unit	1

Electrical data | Supply

Norm operating voltage	EN 61131-2
Operating voltage US DC	24 V
Operating voltage UA DC	24 V
Current consumption max.	50 mA
Total current UA max.	4 A
Total current US max.	4 A

Electrical data | Input

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: 2024-04-26

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Type input	PNP, for 3-wire sensors or mechanical switches
Input filter time	1 ms
Sensor current US per input max.	0,2 A
Electrical data Output	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	0,5 A
Lamp load	10 W
Diagnostics	
Actuator warning	per channel via LED and BUS
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes
Installation Pin assignment	
Terminal row X0	Input
Terminal row X1	Input/Output
Device protection Electrical	
Degree of protection (EN IEC 60529)	IP20
Mechanical data Mounting data	
Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	113 mm
Width	54 mm
Depth	45 mm
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
Gender	male
Color contact carrier	black
Coding	A
No. of poles	6
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

Gender	female
Color contact carrier	black
Coding	A
No. of poles	6
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
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	8
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
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	8
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
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	8
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
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	8

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