MURR ELEKTRONIK
stay connected

CUBE20 SYSTEM INTERFACE TO CUBE67

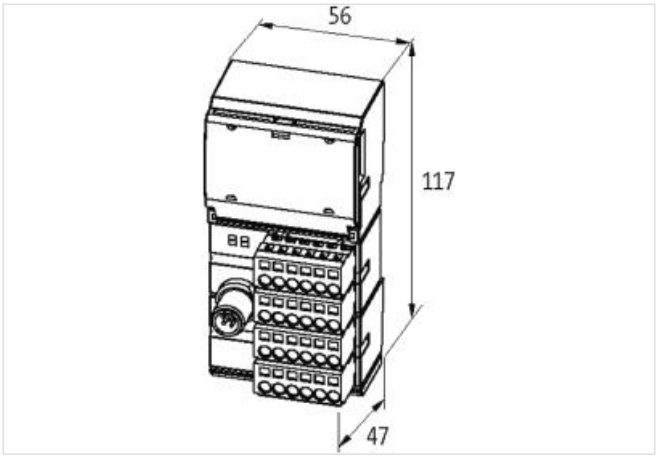
8 multifunction channels, Power external

System connection
Power external
DIO8 - (BN) Cube67/20
Connection cables are in the online shop under "Connection Technology".

Link to Product

Illustration





Product may differ from Image

Commercial data

ECLASS-6.0	27061801
ECLASS-6.1	27242608
ECLASS-7.0	27242608
ECLASS-8.0	27242608
ECLASS-9.0	27242608
ECLASS-10.1	27242608
ECLASS-11.1	27242608
ECLASS-12.0	27242608
ETIM-5.0	EC001855
customs tariff number	85176200
GTIN	4048879048774
Packaging unit	1

Electrical data | Supply

Operating voltage DC	24 V
Norm operating voltage	EN 61131-2
Operating voltage US DC	24 V
Operating voltage UA DC	24 V
Current consumption max.	100 mA
Total current UA max.	12 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: 2024-03-28

Overload resistant	yes
Short-circuit protected	yes
Type input	PNP (EN 61131-2)
Input filter time	1 ms
Current carrying capacity max.	0,7 A
Electrical data | Output	
Overload resistant	yes
Short-circuit protected	yes
Output current per pin max.	0,5 A
Lamp load	10 W
Diagnostics	
Diagnostic	Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel (only outputs)
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes
Installation	
Connection cross section max.	2,5 mm²
Installation | Pin assignment	
Terminal row X2	Input/Output
Terminal row X3	Input/Output
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20
Galvanic separation (operating voltage)	yes
Galvanic separation input/output	yes
Mechanical data	
Number extension modules max.	3
Mechanical data | Mounting data	
Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	117 mm
Width	56 mm
Depth	47 mm
Environmental characteristics | Climatic	
Operating temperature min.	0 °C
Operating temperature max.	55 °C
Storage temperature min.	-20 °C
Storage temperature max.	85 °C
Connection type 5	
Connection type 1	Cube67 In
Connection type 2	X0
Connection type 3	X1
Connection type 4	X2
Connection type 5	X2
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	6

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: 2024-03-28

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	6
PIN 1	UA
PIN 2	UA
PIN 3	UI
PIN 4	UI
PIN 5	0 V
PIN 6	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	FE
PIN 2	FE
PIN 3	0 V
PIN 4	0 V
PIN 5	0 V
PIN 6	0 V
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	DI 0
PIN 2	DI 1
PIN 3	DI 2
PIN 4	DI 3
PIN 5	US
PIN 6	US
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	DO 0
PIN 2	DO 1
PIN 3	DO 2
PIN 4	DO 3
PIN 5	0 V
PIN 6	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: 2024-03-28