

## **CUBE20 SYSTEM INTERFACE TO CUBE67**

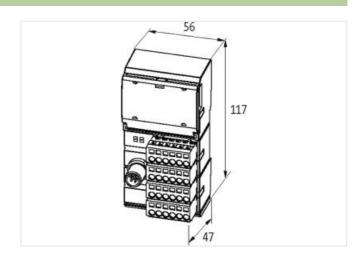
8 multifunction channels, Power M12 CUBE67

System connection M12 Power 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	EC001604	
customs tariff number	85176200	
GTIN	4048879045582	
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.	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: 2024-05-06



stay connected

Overload resistant	VOO.
	yes
Short-circuit protected Type input	yes PNP (EN 61131-2)
Input filter time	1 ms
Current carrying capacity max.	0,7 A
	0,1 TA
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   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	
	gaaahaant
Mounting method  Suitable for mounting type	geschnappt mounting rail, (EN 60715)
	mounting rail, (EN 60713)
	117 mm
Height Width	117 mm
Width	56 mm
Width Depth	56 mm 47 mm
Width Depth Environmental characteristics   Climatic	56 mm 47 mm
Width  Depth  Environmental characteristics   Climatic  Operating temperature min.	56 mm 47 mm  0 °C
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max.	56 mm 47 mm  0 °C 55 °C
Width  Depth  Environmental characteristics   Climatic Operating temperature min.  Operating temperature max.  Storage temperature min.	56 mm 47 mm  0 °C 55 °C -20 °C
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max.	56 mm 47 mm  0 °C 55 °C
Width  Depth  Environmental characteristics   Climatic Operating temperature min.  Operating temperature max.  Storage temperature min.	56 mm 47 mm  0 °C 55 °C -20 °C
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max.	56 mm 47 mm  0 °C 55 °C -20 °C
Width  Depth  Environmental characteristics   Climatic Operating temperature min.  Operating temperature max.  Storage temperature min.  Storage temperature max.  Conformity	56 mm 47 mm  0 °C  55 °C  -20 °C  85 °C
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max. Conformity Product standard	56 mm 47 mm  0 °C  55 °C  -20 °C  85 °C
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max. Conformity Product standard Connection type 5	56 mm 47 mm  0 °C 55 °C -20 °C 85 °C  EN 61131-2
Width  Depth  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max.  Conformity  Product standard  Connection type 5  Connection type 1	56 mm 47 mm  0 °C 55 °C -20 °C 85 °C  EN 61131-2  Cube67 In
Width Depth  Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max.  Conformity Product standard Connection type 5 Connection type 1 Connection type 2	56 mm 47 mm  0 °C 55 °C -20 °C 85 °C  EN 61131-2  Cube67 In X0
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max.  Conformity Product standard Connection type 5 Connection type 1 Connection type 2 Connection type 3 Connection type 4	56 mm 47 mm  0 °C 55 °C -20 °C 85 °C  EN 61131-2  Cube67 In X0 X1
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max.  Conformity Product standard Connection type 5 Connection type 1 Connection type 2 Connection type 3 Connection type 4 Connection type 5	56 mm 47 mm  0 °C 55 °C -20 °C 85 °C  EN 61131-2  Cube67 In X0 X1 X2
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max.  Conformity Product standard Connection type 5 Connection type 1 Connection type 2 Connection type 3	56 mm  47 mm  50 °C  55 °C  -20 °C  85 °C  EN 61131-2  Cube67 In  X0  X1  X2  X2
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max. Conformity Product standard Connection type 5 Connection type 1 Connection type 2 Connection type 3 Connection type 4 Connection type 5 Family construction form	56 mm 47 mm  0 °C 55 °C -20 °C 85 °C  EN 61131-2  Cube67 In X0 X1 X2 X2 X2 M12 female
Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min. Storage temperature max.  Conformity Product standard Connection type 5 Connection type 1 Connection type 2 Connection type 3 Connection type 4 Connection type 5 Family construction form Gender	56 mm 47 mm  0 °C 55 °C -20 °C 85 °C  EN 61131-2  Cube67 In  X0  X1  X2  X2  X2  M12



stay connected

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
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