

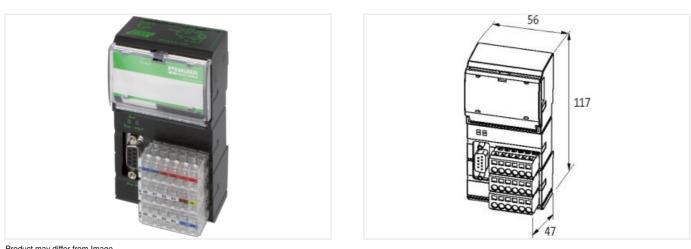
## **CUBE20 BUS NODE PROFIBUS-DP**

8 digital inputs

Bus nodes DI8 - (BN-P) PROFIBUS DP Connection cables are in the online shop under "Connection Technology".

## Link to Product





Product may differ from Image



Commercial data	
ECLASS-6.0	27242604
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	4048879049504
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Norm operating voltage	EN 61131-2
Operating voltage US DC	24 V
Current consumption max.	150 mA
Total current UA max.	4 A
Total current US max.	4 A
Electrical data   Input	

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Type input	PNP (EN 61131-2)
Input filter time	1 ms
Current carrying capacity max.	0.7 A
Industrial communication	
Machine Option Management	
	yes
Industrial communication   Bus data	
Address range outputs max.	244 Bytes
Address range inputs max.	244 Bytes
Address range min.	0
Address range max.	99 Deter ouitet
Address setting type	Rotary switch
Diagnostics	
Diagnostic	Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module
Short circuit diagnosis	
LED display	Ethernet connection/data traffic
Overload diagnosis	yes
Installation	
Connection cross section max.	1,5 mm²
Installation   Pin assignment	
Terminal row X2	Input
Terminal row X3	Input
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.	15
Mechanical data   Mounting data	
Mechanical data   Mounting data	deschaappt
Mounting method	geschnappt
Mounting method Suitable for mounting type	geschnappt mounting rail, (EN 60715) 117 mm
Mounting method Suitable for mounting type Height	mounting rail, (EN 60715)
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Mounting method Suitable for mounting type Height Width Depth	mounting rail, (EN 60715) 117 mm 56 mm
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic	mounting rail, (EN 60715) 117 mm 56 mm 47 mm
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min.	mounting rail, (EN 60715) 117 mm 56 mm
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max.	mounting rail, (EN 60715) 117 mm 56 mm 47 mm 0 °C
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min.	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature min.	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C         -20 °C
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 4	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C         -20 °C         85 °C
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 4 Connection type 1	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C         -20 °C
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 4	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C         -20 °C         85 °C         ProfiBus In
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 4 Connection type 1 Connection type 2	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C         -20 °C         85 °C         ProfiBus ln         X0
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 4 Connection type 1 Connection type 2 Connection type 3	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C         -20 °C         85 °C         ProfiBus In         X0         X1
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 4 Connection type 4	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C         -20 °C         85 °C         ProfiBus ln         X0         X1         X2
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 4 Connection type 4 Family construction form Gender	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C         -20 °C         85 °C         ProfiBus In         X0         X1         X2         D-Sub         female
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 4 Connection type 2 Connection type 3 Connection type 4 Family construction form Gender Color contact carrier	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C         -20 °C         85 °C         ProfiBus In         X0         X1         X2         D-Sub         female         white
Mounting method Suitable for mounting type Height Width Depth Environmental characteristics   Climatic Operating temperature min. Operating temperature max. Storage temperature max. Storage temperature max. Connection type 4 Connection type 4 Family construction form Gender	mounting rail, (EN 60715)         117 mm         56 mm         47 mm         0 °C         55 °C         -20 °C         85 °C         ProfiBus In         X0         X1         X2         D-Sub         female

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Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	0 V
PIN 2	0 V
PIN 3	UB
PIN 4	UB
PIN 5	UI
PIN 6	UI
Connection	Spring clamp terminals FK
Family construction form	terminal
Gender	female
Color contact carrier	colorless
No. of poles	6
PIN 1	DIO
PIN 2	DI 1
PIN 3	DI 2
PIN 4	DI 3
PIN 5	US
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 4
PIN 2	DI 5
PIN 3	DI 6
PIN 4	DI 7
PIN 5	0 V
PIN 6	0 V

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