

## CUBE20 BUS NODE PROFIBUS-DP

8 digital inputs

Art.No.: 56001

Weight: 0.170 kg

Country of origin: CZ

Model designation: Cube20 BN-P DP-V1 DI8

Bus nodes

DI8 - (BN-P)

Profibus DP

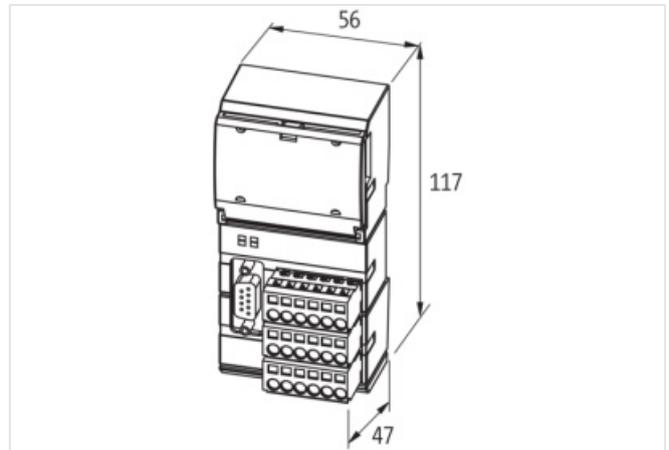
Connection cables are in the online shop under "Connection Technology".

### Link to Product

#### Illustration



Product may differ from Image



#### Header

Material short text                      Cube20 BN-P DP-V1 DI8

#### Commercial data

URL Webshop                              <https://shop.murrelektronik.com/56001>

GTIN    4048879049504

ECLASS-6.0                                  27242604

ECLASS-6.1                                  27242608

ECLASS-7.0                                  27242608

ECLASS-7.1                                  27242608

ECLASS-8.0                                  27242608

ECLASS-8.1                                  27242608

ECLASS-9.0                                  27242608

ECLASS-9.1                                  27242608

ECLASS-10.0.1                              27242608

ECLASS-10.1                                27242608

ECLASS-11.0                                27242608

ECLASS-11.1                                27242608

ECLASS-12.0                                27242608

ECLASS-13.0	27242608
ECLASS-14.0	27242608
ETIM-5.0	EC001604
ETIM-6.0	EC001604
ETIM-7.0	EC001604
ETIM-8.0	EC001604
customs tariff number	85176200
EAN	4048879049504
Packaging unit	1

#### Electrical data | Supply

Norm operating voltage	IEC/EN 61131-2
Operating voltage DC	24 V
Operating voltage US DC	24 V
Total current US max.	4 A
Total current UA max.	4 A
Current consumption max.	150 mA

#### Electrical data | Input

Current carrying capacity max.	0,7 A
Input filter time	1 ms
Type input	PNP (EN 61131-2)

#### Industrial Communication

Machine Option Management	Yes
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#### Industrial communication | Bus data

Address setting type	Rotary switch
Address range min.	0
Address range max.	99
Address range inputs max.	244 bytes
Address range outputs max.	244 bytes

#### Diagnostics

Short circuit diagnosis	Yes
Overload diagnosis	Yes
Diagnostic	Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module
LED display	Ethernet connection/data traffic

#### Installation

Connection cross section max.	1,5 mm <sup>2</sup>
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#### 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
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#### Mechanical data | Mounting data

Height	117 mm
Width	56 mm
Depth	47 mm

Mounting method	geschnappt
Suitable for mounting type	(EN 60715), mounting rail

**Environmental characteristics | Climatic**

Operating temperature min.	0 °C
Operating temperature max.	55 °C
Ambient temperature (storage, transport)	-20 °C ... 85 °C

**Connection type 4**

Connection type 1	ProfiBus In
Connection type 2	X0
Connection type 3	X1
Connection type 4	X2
Family construction form	D-Sub
No. of poles	9
Gender	female
Color contact carrier	white
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	0 V
PIN 2	0 V
PIN 3	UB
PIN 4	UB
PIN 5	UI
PIN 6	UI
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	DI 0
PIN 2	DI 1
PIN 3	DI 2
PIN 4	DI 3
PIN 5	US
PIN 6	0 V
Family construction form	terminal
No. of poles	6
Gender	female
Color contact carrier	colorless
Connection	Spring clamp terminals FK
PIN 1	DI 4
PIN 2	DI 5
PIN 3	DI 6
PIN 4	DI 7
PIN 5	0 V
PIN 6	0 V