MURR ELEKTRONIK
stay connected

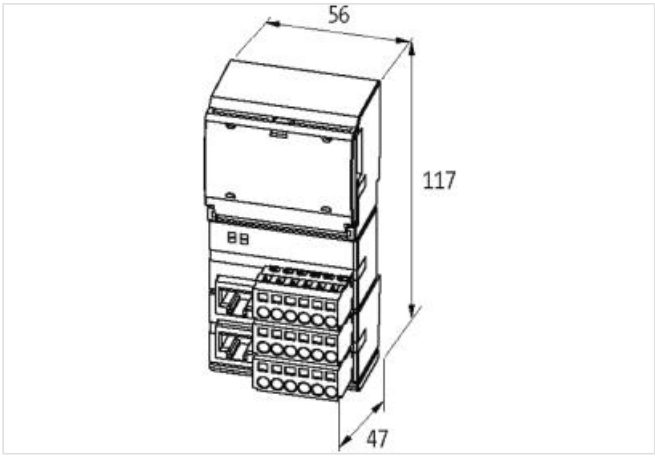
CUBE20 BN-PNIO DI8

Bus nodes
DI8 - (BN-PNIO)
PROFINET IO
Connection cables are in the online shop under "Connection Technology".

Link to Product

Illustration





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	4048879049481
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

Type input	PNP (EN 61131-2)
Input filter time	1 ms

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Current carrying capacity max.	0,7 A
Industrial communication	
Machine Option Management	yes
Supported protocol	PROFINET
Industrial communication | Bus data	
Address range outputs max.	1024 Bytes
Address range inputs max.	1024 Bytes
Industrial communication | Profinet	
PROFINET addressing	DCP
PROFINET conformance class	B
PROFINET specification	V2.2
Diagnostics	
Diagnostic	Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module
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
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	
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 4	
Connection type 1	Ethernet In
Connection type 2	X0
Connection type 3	X1
Connection type 4	X2
Family construction form	RJ45
Gender	female
Color contact carrier	black
No. of poles	8
PIN 1	TD +

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PIN 2	TD -
PIN 3	RD +
PIN 4	n.c.
PIN 5	n.c.
PIN 6	RD -
PIN 7	n.c.
PIN 8	n.c.
Connection	Spring clamp terminals FK
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	DI 0
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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