MURR ELEKTRONIK
stay connected

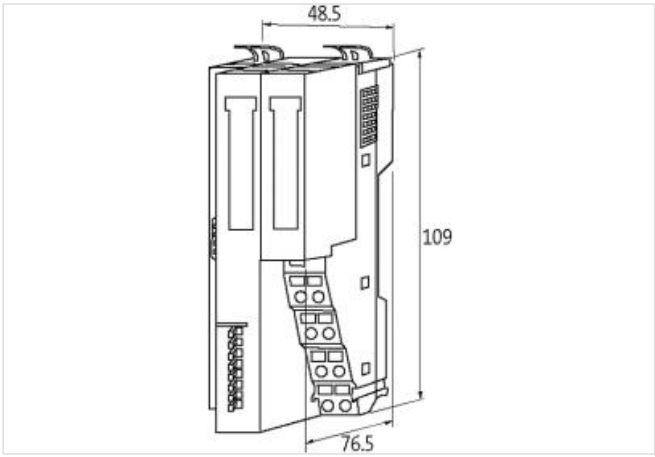
CUBE20S PROFINET IO BUS NODE

Bus nodes
PROFINET Device

Link to Product

Illustration





Product may differ from Image

Commercial data

ECLASS-6.0	27242608
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	85389099
GTIN	4048879422406
Packaging unit	1

Electrical data | Supply

Operating voltage DC	24 V
Current consumption max.	95 mA
Total current UA max.	10 A

Electrical data | Output

Output voltage DC	24 V
Current output load supply max.	10 A
Current output backplane bus max.	3 A

Industrial communication

Machine Option Management	yes
Supported protocol	PROFINET

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: 2024-03-19

MURR ELEKTRONIK
stay connected

Industrial communication | Bus data	
Address range outputs max.	512 Bytes
Address range inputs max.	512 Bytes
Industrial communication | Profinet	
Number of active connections (IO controller) max.	3
MRP client	yes
PROFINET addressing	DCP
PROFINET conformance class	B
PROFINET specification	V2.2
Shared device/input	yes
Diagnostics	
Actuator warning	no
Diagnostic	No voltage
Diagnostic via BUS	per module
Diagnostic via LED	per module and channel
Short circuit diagnosis	yes
LED display	Ethernet connection/data traffic
Overload diagnosis	yes
Installation	
Connection cross section max.	1,5 mm²
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP20
Mechanical data	
Number extension modules max.	64
Mechanical data | Mounting data	
Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	109 mm
Width	48,5 mm
Depth	76,5 mm
Environmental characteristics | Climatic	
Operating temperature min.	0 °C
Operating temperature max.	60 °C
Storage temperature min.	-25 °C
Storage temperature max.	70 °C
Conformity	
Product standard	EN 61131-2
Connection type 2	
Connection type 1	P2
Connection type 2	Power
Family construction form	RJ45
Gender	female
No. of poles	8
PIN 1	TD +
PIN 2	TD -
PIN 3	RD +
PIN 6	RD -
Connection	Spring clamp terminals FK
Family construction form	terminal

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: 2024-03-19

Gender	female
No. of poles	8
PIN 1	n.c.
PIN 2	24 V DC
PIN 3	0 V
PIN 4	24 V DC Sys
PIN 5	n.c.
PIN 6	24 V DC
PIN 7	0 V
PIN 8	0 V Sys

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: 2024-03-19