CUBE67+ BUS NODE

ProfiNet IO

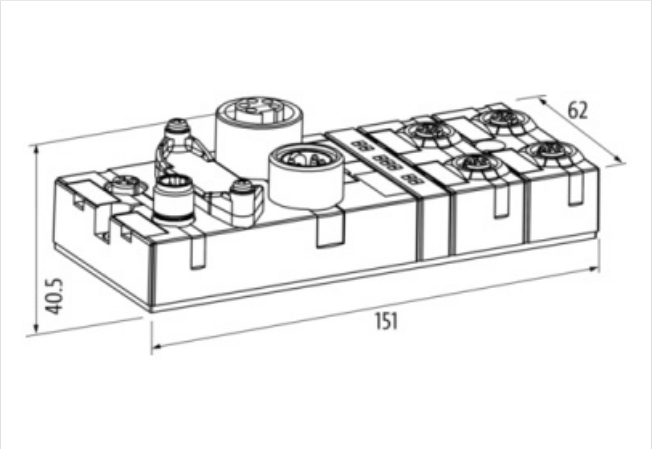
Art.No.: 56526
Weight: 0.360 kg
Country of origin: CZ
Model designation: Cube67+ BN-PNIO

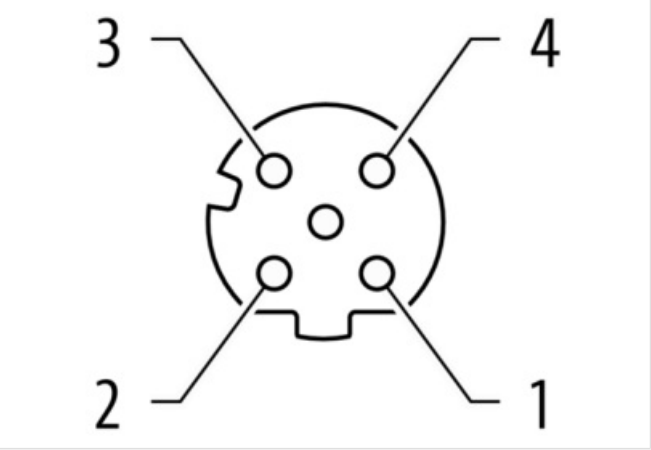
Cube67+
PROFINET IO
Connection cables are in the online shop under "Connection Technology".
Housing fully potted.

[Link to Product]

Illustration







Product may differ from Image

Commercial data

URL Webshop	https://shop.murrelektronik.com/56526
GTIN	4048879294027
EU-Customs tariff number	85389099

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: 2026-10-14

US-Customs tariff number	8538908180
ECLASS-6.0	27242608
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
ETIM-9.0	EC001604
ETIM-10.0	EC001604
customs tariff number	85389099
EAN	4048879294027
Packaging unit	1
Electrical data | Supply	
Operating voltage DC	24 V
Total current US max.	8 A
Total current UA max.	8 A
Current consumption max.	200 mA
Industrial Communication	
Machine Option Management	Yes
Industrial communication | Bus data	
Supported protocol	PROFINET
Address range inputs max.	1024 byte
Address range outputs max.	1024 byte
Industrial communication | PROFINET	
Conformance Class	B
addressing	DCP
Specification	V2.2
Industrial communication | IO-Link	
Number of IO-Link master ports max.	128
Diagnostics	
Short circuit diagnosis	Yes
Overload diagnosis	Yes
Diagnostic	No voltage, Under voltage
Diagnostic via BUS	per module and channel
Diagnostic via LED	per module and channel
LED display	Ethernet connection/data traffic
Device protection | Electrical	
Degree of protection (EN IEC 60529)	IP67

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: 2026-10-14

Mechanical data	
Number extension modules max.	32
Mechanical data | Mounting data	
Height	151 mm
Width	62 mm
Depth	40.5 mm
Suitable for mounting type	2-hole screw mounting
Environmental characteristics | Climatic	
Operating temperature min.	0 °C
Operating temperature max.	55 °C
Ambient temperature (storage, transport)	-20 °C … 75 °C
Conformity	
Product standard	IEC/EN 61131-2
Connection type 4-4	
Connection type 1	Bus In / Bus Out
Connection type 2	Internal system connection
Connection type 3	Power In
Connection type 4	Power Out
Family construction form	M12
No. of poles	4
Coding	D
Gender	female
Color contact carrier	black
Mounting method	inserted, screwed
Tightening torque	0.6 Nm
PIN 1	TD +
PIN 2	RD +
PIN 3	TD -
PIN 4	RD -
PIN 5	n.c.
Family construction form	M12
No. of poles	6
Coding	A
Gender	female
Color contact carrier	black
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
Family construction form	7/8"
No. of poles	5
Gender	male
Color contact carrier	black
PIN 1	0 V
PIN 2	0 V
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)
Family construction form	7/8"
No. of poles	5

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: 2026-10-14

Gender	female
Color contact carrier	black
PIN 1	0 V
PIN 2	0 V
PIN 3	PE
PIN 4	24 V DC (US)
PIN 5	24 V DC (UA)

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: 2026-10-14