

INDUSTRIAL COMPONENT DATA

IBS IL 24 BK-T/U-2MBD-PAC 2862000 PHOENIX CONTACT

Bus coupler

Brand: PHOENIX CONTACT | Manufacturer Part Number: IBS IL 24 BK-T/U-2MBD-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IBS IL 24 BK-T/U-2MBD-PAC
Catalog number	2862000
Category	Fieldbus, decentr. periphery - communication module
Minimum order	1 Pcs
Document ID	EO-DBFBF2FAB2
Generated	2026-08-03

Product Overview

Bus coupler

Inline, Bus coupler, INTERBUS, Inline shielded connector, transmission rate on local bus:2 MBit/s, protection index: IP20, including inline connectors and marking fields

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > I/O

Additional Product Information

Key Commercial Data

Orderkey 2862000

Packing unit 1 pc

Catalog page Page 245 (AX-2009)

GTIN 4017918974640

Weight per Piece (excluding packing) 142.000 g

Custom tariff number 85389091

Country of origin DE (Germany)

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Dimensional drawing

Width 48.8 mm

Height 135 mm

Depth 71.5 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 55 °C

Ambient temperature (storage/transport) -25 °C ... 85 °C

Permissible humidity (operation) 10 % ... 95 % (non-condensing)

Permissible humidity (storage/transport) 10 % ... 95 % (non-condensing)

Air pressure (operation) 70 kPa ... 106 kPa (up to 3000 m above sea level)

Air pressure (storage/transport) 70 kPa ... 106 kPa (up to 3000 m above sea level)

Degree of protection IP20

General

Mounting type DIN rail

Net weight 142 g

Note on weight specifications with connectors

Diagnostics messages Peripheral fault yes, if the segment voltage USis not present

Interfaces

Designation INTERBUS

No. of channels 2

Connection method Inline shield connector

Transmission speed 2 Mbps

Transmission physics Copper

Designation Remote bus branch / Inline local bus

Connection method Inline data jumper

Transmission speed 2 Mbps

System limits of the bus coupler

Number of local bus devices that can be connected max. 63

Number of devices with parameter channel max. 62

Number of supported branch terminals with remote bus branch max. 15

Inline potentials

Des...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IBS IL 24 BK-T/U-2MBD-PAC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.