

## INDUSTRIAL COMPONENT DATA

# IBS IL 24 BK-LK-2MBD-PAC 2862068 PHOENIX CONTACT INTERBUS bus coupler, with fiber optic connection, 24 V DC,..

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



|                 |                                                     |
|-----------------|-----------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                     |
| MPN / Reference | IBS IL 24 BK-LK-2MBD-PAC                            |
| Catalog number  | 2862068                                             |
| Category        | Fieldbus, decentr. periphery - communication module |
| Minimum order   | 1 Pcs                                               |
| Document ID     | EO-AF0328AF5F                                       |
| Generated       | 2026-08-03                                          |

## Product Overview

INTERBUS bus coupler, with fiber optic connection, 24 V DC, transmission speed 2 Mbaud, complete with accessories (plug and labeling field)

Inline, Bus coupler, INTERBUS, F-SMA connector, local bus transmission rate:2 MBit/s, protection index: IP20, including Inline connector and marking surface

Inline, Bus coupler, INTERBUS, F-SMA connector, transmission speed in the local bus: 2 Mbps, degree of protection: IP20, including Inline connector and labeling field

## 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 &gt; I/O

## Additional Product Information

Technical dataDimensionsDimensional drawing

Width 85 mm

Height 119.8 mm

Depth 71.5 mm

NotesNote on application

Note on application Only for industrial use

InterfacesINTERBUS

Number of interfaces 2

Connection method F-SMA connector

Transmission speed 2 Mbps

Transmission physics FO

Inline local bus

Number of interfaces 1

Connection method Inline data jumper

Transmission speed 2 Mbps

System propertiesSystem limits

Number of local bus devices that can be connected 63

Number of devices with parameter channel 62

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

Module

ID code (dec.) 04

ID code (hex) 04

Length code (hex) 00

Length code (dec) 00

Process data channel 0 bit

Input address area 0 Byte

Output address area 0 Byte

Register length 0 bit

Product propertiesProduct type I/O component

Product family Inline

Type modular

Scope of delivery including Inline connector and labeling field

Electrical propertiesMaximum power dissipation for nominal condition 3 W

Protective circuit Reverse polarity protection

Potentials: Bus coupler supply UBK; Communications power UL(7.5 V) and the analog supply UANA(24 V) are generated from the bus coupler supply.

Supply voltage 24 V DC (via Inline connector)

Supply voltage range 19.2 V DC ... 30 V DC (including all tolerances, including ripple)

Current draw max. 1.25 A (with max. number of connected I/O terminal blocks)

Potentials: Communications power (UL)

Supply voltage 7.5 V DC  $\pm 5\%$

Potentials: Supply of analog modules (UANA)

Supp...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IBS IL 24 BK-LK-2MBD-PAC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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