

**INDUSTRIAL COMPONENT DATA**

# IB IL RS 485/422-2MBD-PAC 2862097 PHOENIX CONTACT

## Inline function terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL RS 485/422-2MBD-PAC



|                 |                                                     |
|-----------------|-----------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                     |
| MPN / Reference | IB IL RS 485/422-2MBD-PAC                           |
| Catalog number  | 2862097                                             |
| Category        | Fieldbus, decentr. periphery - communication module |
| Minimum order   | 1 Pcs                                               |
| Document ID     | EO-4A0782907C                                       |
| Generated       | 2026-07-29                                          |

## Product Overview

Inline function terminal

RS 485/422 Inline functional terminal block, complete with accessories (connector and marking surface), 1 serial input and output channel

**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

Key Commercial Data

Orderkey 2862097

Packing unit 1 pc

Catalog page Page 297 (AX-2009)

GTIN 4017918974725

Weight per Piece (excluding packing) 135.000 g

Custom tariff number 85389091

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Dimensional drawing

Width 24.4 mm

Height 136.8 mm

Depth 71.5 mm

Connection data

Designation Inline connector

Connection method Spring-cage connection

Conductor cross section solid min. 0.08 mm<sup>2</sup>

Conductor cross section solid max. 1.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.08 mm<sup>2</sup>

Conductor cross section flexible max. 1.5 mm<sup>2</sup>

Conductor cross section AWG min. 28

Conductor cross section AWG max. 16

Stripping length 8 mm

Ambient conditions

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

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

Permissible humidity (operation) 75 % ... 85 % (in the range of -25°C ... +55°C, appropriate measures against increased humidity (> 85%) must be taken.)

Permissible humidity (storage/transport) 75 % ... 85 % (Slight temporary condensation may sometimes appear on the housing, e.g. when the terminal block is brought out of a vehicle into an enclosed room.)

Degree of protection IP20

General

Mounting type DIN rail

Net weight 135 g

Interfaces

Designation Inline local bus

Connection method Inline data jumper

Transmission speed 2 Mbps

Interface Either RS-485 half duplex or RS-422 full duplex (as alternative only)

Connection method Spring-cage connection

Transmission physics Copper

Data bits 7...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL RS 485/422-2MBD-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

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

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