

INDUSTRIAL COMPONENT DATA

IB IL RS 232-2MBD-PAC 2862084 PHOENIX CONTACT Inline function terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL RS 232-2MBD-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL RS 232-2MBD-PAC
Catalog number	2862084
Category	Fieldbus, decentr. periphery - communication module
Minimum order	1 Pcs
Document ID	EO-43EBE2454E
Generated	2026-07-28

Product Overview

Inline function terminal

RS-232 Inline functional terminal block, for serial data transmission, complete with accessories (connector and marking surface), 1 serial input and output channel in RS-232 execution

Inline, Communication terminal, interface RS-232: 1, Communication via PCP, transmission speed in the local bus: 2 Mbps, degree of protection: 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

Technical dataDimensionsDimensional drawing

Width 24.4 mm

Height 136.8 mm

Depth 71.5 mm

NotesNote on application

Note on application Only for industrial use

InterfacesInline local bus

Connection method Inline data jumper

Transmission speed 2 Mbps

RS-232

Number of interfaces 1

Connection method Spring-cage connection

Note on the connection method Use shielded cables.

Transmission speed 110 bps ... 38400 bps (can be parameterized)

Transmission physics Copper

Data bits 7 or 8

Stop bits 1 or 2

Input buffer 4 kByte

Output buffer 1 kByte

System propertiesModule

ID code (dec.) 220

ID code (hex) DC

Length code (hex) 01

Length code (dec) 01

Process data channel 16 bit

Input address area 2 Byte

Output address area 2 Byte

Register length 48 bit

Product propertiesProduct type I/O component

Product family Inline

Type modular

Scope of delivery including Inline connectors and marking fields

Special properties Communication via PCP

Data management status

Article revision 05

Electrical propertiesMaximum power dissipation for nominal condition 1.7 W

Potentials: Communications power (UL)

Supply voltage 7.5 V DC (via voltage jumper)

Current draw max. 225 mA (all connections of the serial interface are short-circuited)

typ. 165 mA

Connection dataConnection technology

Connection name Inline connector

Conductor connection

Connection method Spring-cage connection

Conductor cross section rigid 0.08 mm² ... 1.5 mm²

Conductor cross section flexible 0.08 mm² ... 1.5 mm²

Conductor cross section AWG 28

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL RS 232-2MBD-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.