

INDUSTRIAL COMPONENT DATA

IL MOD BK DI8 DO4-PAC 2878696 PHOENIX CONTACT Bus coupler

Brand: PHOENIX CONTACT | Manufacturer Part Number: IL MOD BK DI8 DO4-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IL MOD BK DI8 DO4-PAC
Catalog number	2878696
Category	Fieldbus, decentr. periphery - communication module
Minimum order	1 Pcs
Document ID	EO-7AF42F9A95
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Product Overview

Bus coupler

Inline, Bus coupler, Modbus/RTU, D-SUB-9 female connector, Digital inputs: 8, 24 VDC, connection technology: 3 conductors, Digital outputs:4, 24 VDC, 500 mA, connection technology:3 conductors, transmission speed on the local bus:500 kBit/s / 2 MBit/s, protection index: IP20, Including Inline connectors, marking fields and end plate

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
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Additional Product Information

Key Commercial Data

Orderkey 2878696

Packing unit 1 pc

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GTIN 4046356099967

Weight per Piece (excluding packing) 327.600 g

Custom tariff number 85389091

Country of origin DE (Germany)

Dimensions

Dimensional drawing

Width 80 mm

Height 119.8 mm

Depth 71.5 mm

Note on dimensions Specifications with connectors

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

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

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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 327.6 g

Note on weight specifications with connectors

Diagnostics messages Short-circuit / overload of the digital outputs Yes

Sensor supply failure Yes

Failure of the actuator supply Yes

Interfaces

Designation Modbus/RTU

No. of channels 1

Connection method D-SUB-9 female connector

Note on the connection method Electrically isolated supply, shielding directly connected to functional earth ground

Transmission speed 1.2 kBit/s ... 115.2 kBit/s (can be parameterized)

Number of positions 9

Designation Inline local bus

Connection method Inline data jumper

Transmission speed 500 kbps / 2 Mbps (automatic detection, no combined system)

System limits of the bus coupler

Design...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IL MOD BK DI8 DO4-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

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