

**INDUSTRIAL COMPONENT DATA**

# IL ETH BK DI8 DO4 2TX-PAC 2703981 PHOENIX CONTACT

## Bus coupler

Brand: PHOENIX CONTACT | Manufacturer Part Number: IL ETH BK DI8 DO4 2TX-PAC



|                 |                                                     |
|-----------------|-----------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                     |
| MPN / Reference | IL ETH BK DI8 DO4 2TX-PAC                           |
| Catalog number  | 2703981                                             |
| Category        | Fieldbus, decentr. periphery - communication module |
| Minimum order   | 1 Pcs                                               |
| Document ID     | EO-415051CB7D                                       |
| Generated       | 2026-09-21                                          |

## Product Overview

Bus coupler

Inline, Bus coupler, Modbus/TCP(UDP), RJ45 female, Digital inputs: 8, 24 VDC, connection technology: 3 conductors, Digital outputs:4, 24 VDC, 500 mA, connection technology:3 conductors, transmission speed on local bus:500 kBit/s / 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 &gt; I/O

## Additional Product Information

Key Commercial Data

Orderkey 2703981

Packing unit 1 pc

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GTIN 4046356041157

Weight per Piece (excluding packing) 341.140 g

Custom tariff number 85176200

Country of origin DE (Germany)

Note

Utilization restriction 1

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 ... 55 °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 341.14 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/TCP (UDP)

No. of channels 2

Connection method RJ45 socket

Note on the connection method Auto negotiation and autocrossing

Transmission speed 10/100 Mbps

Transmission physics Ethernet in RJ45 twisted pair

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

Designation System limits of the bus couple...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IL ETH BK DI8 DO4 2TX-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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