

**INDUSTRIAL COMPONENT DATA**

# IL EC BK-PAC 2702507 PHOENIX CONTACT Bus coupler

Brand: PHOENIX CONTACT | Manufacturer Part Number: IL EC BK-PAC



|                 |                                                     |
|-----------------|-----------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                     |
| MPN / Reference | IL EC BK-PAC                                        |
| Catalog number  | 2702507                                             |
| Category        | Fieldbus, decentr. periphery - communication module |
| Minimum order   | 1 Pcs                                               |
| Document ID     | EO-10187575E7                                       |
| Generated       | 2026-08-01                                          |

## Product Overview

Bus coupler

Inline, Bus coupler, EtherCAT®, RJ45 female, local bus transmission rate:500 kBit/s / 2 MBit/s, protection rating: IP20, including Inline connector and marking surface

**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 2702507

Packing unit 1 pc

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GTIN 4055626258683

Weight per Piece (excluding packing) 169.000 g

Custom tariff number 85176200

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Dimensional drawing

Width 40 mm

Height 119.4 mm

Depth 71.5 mm

Note on dimensions Housing dimensions

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 (per manufacturer's declaration)

General

Mounting type DIN rail

Net weight 169 g

Note on weight specifications with connectors

Diagnostics messages Messages via object 10F3hexDiagnosis history

Interfaces

Designation EtherCAT®

Connection method RJ45 socket

Note on the connection method Auto negotiation and autocrossing

Transmission speed 100 Mbps (Full duplex)

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)

Inline potentials

Designation Bus coupler supply UBC; Communications power UL(7.5 V) and the analog supply UANA(24 V) are generated from th...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IL EC BK-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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