

**INDUSTRIAL COMPONENT DATA**

# AXL F BK ETH XC 2701949 PHOENIX CONTACT Bus coupler

Brand: PHOENIX CONTACT | Manufacturer Part Number: AXL F BK ETH XC



|                 |                                                     |
|-----------------|-----------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                     |
| MPN / Reference | AXL F BK ETH XC                                     |
| Catalog number  | 2701949                                             |
| Category        | Fieldbus, decentr. periphery - communication module |
| Minimum order   | 1 Pcs                                               |
| Document ID     | EO-38E4E836C2                                       |
| Generated       | 2026-08-05                                          |

## Product Overview

Bus coupler

AxiolineF, Bus coupler, Modbus/TCP(UDP), RJ45 female, Extreme Condition variant, local bus transmission rate:100 MBit/s, protection rating: IP20, including bus base module and AxiolineF connector

**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

Key Commercial Data

Orderkey 2701949

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356901239

Weight per Piece (excluding packing) 177.000 g

Custom tariff number 85176200

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Dimensional drawing

Width 45 mm

Height 126.1 mm

Depth 74 mm

Note on dimensions The depth is valid when a TH 35-7,5 DIN rail is used (according to EN 60715).

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C (Standard; mounting position: wall mounting on horizontal DIN rail))

-25 °C ... 55 °C (Standard; mounting position: any)

-40 °C ... 70 °C (Extended, see section "Tested successfully: use under extreme ambient conditions" in the data sheet.)

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

Permissible humidity (operation) 5 % ... 95 % (non-condensing)

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Air pressure (operation) 70 kPa ... 106 kPa (up to 3000 m above sea level)

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Degree of protection IP20

Connection data

Designation Axioline F connector

Connection method Push-in connection

Note on the connection method Please observe the information provided on conductor cross sections in the "Axioline F: system and installation" user manual.

Conductor cross section solid min. 0.2 mm<sup>2</sup>

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

Conductor cross section flexible min....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AXL F BK ETH XC 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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