

**INDUSTRIAL COMPONENT DATA**

# AXL F BK EC 2688899 PHOENIX CONTACT Bus coupler

Brand: PHOENIX CONTACT | Manufacturer Part Number: AXL F BK EC



|                 |                                                     |
|-----------------|-----------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                     |
| MPN / Reference | AXL F BK EC                                         |
| Catalog number  | 2688899                                             |
| Category        | Fieldbus, decentr. periphery - communication module |
| Minimum order   | 1 Pcs                                               |
| Document ID     | EO-9C8C7F99C0                                       |
| Generated       | 2026-08-04                                          |

## Product Overview

Bus coupler

AxiolineF, Bus coupler, EtherCAT®, RJ45 female, 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 2688899

Packing unit 1 pc

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GTIN 4046356658355

Weight per Piece (excluding packing) 219.900 g

Custom tariff number 85176200

Country of origin DE (Germany)

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 (Mounting position: wall mounting on horizontal DIN rail)

-25 °C ... 55 °C (Mounting position: any)

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)

Air pressure (storage/transport) 70 kPa ... 106 kPa (up to 3000 m above sea level)

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. 0.2 mm<sup>2</sup>

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

Conductor cross section AWG min. 24

Conductor cross section AWG max. 16

Stripping length 8 mm

**General**

Mounting type DIN rail

Net weight 219.9 g

Note on w...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / AXL F BK EC 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**

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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