INDUSTRIAL COMPONENT DATA

# AXL F DI16/1 DO16/1 2H 2702106 PHOENIX CONTACT I/O module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: AXL F DI16/1 DO16/1 2H**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | AXL F DI16/1 DO16/1 2H |
| Catalog number | 2702106 |
| Category | Fieldbus, decentr. periphery - digital I/O module |
| Minimum order | 1 Pcs |
| Document ID | EO-F7D10F0E03 |
| Generated | 2026-11-19 |

## Product Overview

I/O module
AxiolineF, Digital input/output module, Digital inputs: 16, 24 VDC, connection technology: 1 driver, Digital outputs:16, 24 VDC, 500 mA, connection technology:1 driver, transmission speed on the local bus:100 MBit/s, protection index: IP20, including bus socket module and AxiolineF connectors

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > I/O |

## Additional Product Information

Key Commercial Data
Orderkey 2702106
Packing unit 1 pc
Catalog page Page 113 (C-6-2017)
GTIN 4046356960441
Weight per Piece (excluding packing) 210.000 g
Custom tariff number 85389091
Country of origin DE (Germany)
Dimensions
Dimensional drawing
Width 35 mm
Height 129.9 mm

Depth 54 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
Ambient temperature (storage/transport) -40 °C ... 85 °C
Permissible humidity (operation) 5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport) 5 % ... 95 % (non-condensing)
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 mm²
Conductor cross section solid max. 1.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 1.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 16
Stripping length 8 mm
General
Mounting type DIN rail
Net weight 210 g
Note on weight specifications with connectors and bus base module
Interfaces
Designation Axioline F local bus
N...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AXL F DI16/1 DO16/1 2H 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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