

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



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-60AAC9B326
Generated	2026-08-05

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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.