INDUSTRIAL COMPONENT DATA

AXL F DI16/1 DO8/2-2A 2H 2702291 PHOENIX CONTACT I/O module

Brand: PHOENIX CONTACT | Manufacturer Part Number: AXL F DI16/1 DO8/2-2A 2H



Manufacturer	PHOENIX CONTACT
MPN / Reference	AXL F DI16/1 DO8/2-2A 2H
Catalog number	2702291
Category	Fieldbus, decentr. periphery - digital I/O module
Minimum order	1 Pcs
Document ID	EO-5D37BECDC2
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:8, 24 VDC, 2 A, connection technology:2 drivers, 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 2702291
Packing unit 1 pc
Catalog page Page 113 (C-6-2017)
GTIN 4055626071848
Weight per Piece (excluding packing) 111.000 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 connectors (digital inputs)
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 111 g
Note on weight specifications with connectors and bus base module
Diagnostics messages I/O su...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AXL F DI16/1 DO8/2-2A 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.