

INDUSTRIAL COMPONENT DATA

AXL E EC DIO16 M12 6P 2701522 PHOENIX CONTACT

Distributed I/O device

Brand: PHOENIX CONTACT | Manufacturer Part Number: AXL E EC DIO16 M12 6P



Manufacturer	PHOENIX CONTACT
MPN / Reference	AXL E EC DIO16 M12 6P
Catalog number	2701522
Category	Fieldbus, decentr. periphery - digital I/O module
Minimum order	1 Pcs
Document ID	EO-36B3EB1059
Generated	2026-08-01

Product Overview

Distributed I/O device

AxiolineE, Digital input/output equipment, EtherCAT®, M12 quick connection technology, Digital inputs: 16, 24 VDC, connection technology: 4 conductors, Digital outputs:16, 24 VDC, connection technology:3 conductors, Plastic housing, protection index: IP65/IP67

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 2701522

Packing unit 1 pc

Catalog page Page 192 (C-6-2017)

GTIN 4046356763721

Weight per Piece (excluding packing) 541.300 g

Custom tariff number 85176200

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Dimensional drawing

Width 60 mm

Height 185 mm

Depth 30.5 mm

Note on dimensions The height is 212 mm including fixing clips.

Drill hole spacing 198.5 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C

Ambient temperature (storage/transport) -25 °C ... 85 °C

Permissible humidity (operation) 5 % ... 95 %

Permissible humidity (storage/transport) 5 % ... 95 %

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 IP65/IP67

General

Housing material Pocan®

Mounting type Wall mounting

Net weight 541.3 g

Interfaces

Designation EtherCAT®

No. of channels 2

Connection method M12 fast connection technology

Note on the connection method D-coded

Designation connection point Copper cable

Transmission speed 100 Mbps (with auto negotiation)

Number of positions 4

System limits of the bus coupler

Designation EtherCAT®

Equipment type EtherCAT®slave

System-specific protocols Mailbox protocols CANopen®over EtherCAT®

Mailbox protocols File access over EtherCAT®

Type of addressing Auto-increment addressing

Fixed position addressing

Logical addressing

Specification ETG.1000 V1.02

Supply

Designation Actuator...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AXL E EC DIO16 M12 6P 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.