INDUSTRIAL COMPONENT DATA

# AXL F DI8/2 48/60DC 1F 2702654 PHOENIX CONTACT I/O module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: AXL F DI8/2 48/60DC 1F**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | AXL F DI8/2 48/60DC 1F |
| Catalog number | 2702654 |
| Category | Fieldbus, decentr. periphery - digital I/O module |
| Minimum order | 1 Pcs |
| Document ID | EO-4AF1385E78 |
| Generated | 2026-11-19 |

## Product Overview

I/O module
AxiolineF, Digital input module, Digital inputs: 8, 48 VDC / 60 VDC, connection technology: 2 conductors, corresponds to IEC 61850-3 standard, transmission speed on the local bus:100 MBit/s, protection index: IP20, including bus socket module and AxiolineF connectors
Axioline F, Digital input module, Digital inputs: 8, 48 V DC / 60 V DC, connection technology: 2-conductor, corresponds to standard IEC 61850-3, transmission speed in the local bus: 100 Mbps, degree of protection: IP20, including bus base module and Axioline F 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

Technical dataDimensionsDimensional drawing
Width 53.6 mm
Height 126.1 mm
Depth 54 mm
Note on dimensions The depth applies when a TH 35-7.5 DIN rail is used (in accordance with EN 60715).
NotesNote on application
Note on application Only for industrial use
InterfacesAxioline F local bus
Number of interfaces 2

Connection method Bus base module
Transmission speed 100 Mbps
System propertiesModule
Input address area 1 Byte
Output address area 0 Byte
Required parameter data 3 Byte
Required configuration data 6 Byte
Input dataDigital:
Input name Digital inputs
Description of the input EN 61131-2 type 1
Number of inputs 8
Connection method Push-in connection
Connection technology 2-conductor
Input voltage 48 V (Nominal voltage)
60 V (Nominal voltage)
max. 100 V DC
Input voltage range -100 V DC ... 100 V DC
Input voltage range "0" signal -12 V DC ... 12 V DC
Input voltage range "1" signal 32 V DC ... 100 V DC
Nominal input voltage UIN 48 V DC
60 V DC
Nominal input current at UIN 2.5 mA
Input filter time < 1 ms
Protective circuit Polarity reversal protection of the inputs
Product propertiesProduct type I/O component
Product family Axioline F
Type block modular
Mounting position any (no temperature derating)
Nominal mounting position: wall mounting on horizontal DIN rail
Scope of delivery including bus base module and Axioline F connectors
Special properties corresponds to standard IEC 61850-3
Data management status
Article revision 01
Insulation characteristics
Overvoltage category I...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AXL F DI8/2 48/60DC 1F with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

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