INDUSTRIAL COMPONENT DATA

IOA AI/AO/BFI/DS/0.5A/EX 2906599 PHOENIX CONTACT Input/output module

Brand: PHOENIX CONTACT | Manufacturer Part Number: IOA AI/AO/BFI/DS/0.5A/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	IOA AI/AO/BFI/DS/0.5A/EX
Catalog number	2906599
Category	Interface module
Minimum order	1 Pcs
Document ID	EO-F4799CDFFD
Generated	2026-11-19

Product Overview

Input/output module
Fuse module for Marshalling VIP I/O base element with interchangeable 0.5 A fuses on the field equipment feed path and signal path. Integrated test points and a disconnector blade allow for uninterrupted signal measurement.

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 > INTERFACE Components (IF)

Additional Product Information

Key Commercial Data
Orderkey 2906599
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 555 (C-5-2017)
GTIN 4055626295251
Weight per Piece (excluding packing) 73.000 g
Custom tariff number 85366990
Country of origin US (United States)
Dimensions
Width 10.3 mm
Height 64.2 mm
Depth 72.9 mm

Ambient conditions
Ambient temperature (operation) -40 °C ... 75 °C
Ambient temperature (storage/transport) -40 °C ... 75 °C
General
Max. perm. operating voltage 24 V DC
Max. operating voltage Umax 30 V
Max. operating voltage 30 V
Max. perm. current (per branch) 500 mA (fuse limited)
Max. permissible current 500 mA (fuse limited)
Number of positions 1
Status display No
Mounting position any
Degree of protection IP20
Connection data for connection 1
Connection name Control circuits
Connection method Pin strip
Number of connections 1
Number of positions 13
Safety data
Input voltage Ui 30 V
Input current Ii 500 mA
Inductance Li 0 mH
Capacitance Ci 0 µF
Max. output voltage Uo Ui
Max. output current Io Ii
Max. output power Po Pi
ATEX Sira 16ATEX4260X; Ex II 3G
Ex nA ic IIC T4 Gc; Ex nA IIC T4 Gc
IECEx IECEx SIR 16.0088X
Ex nA ic IIC T4 Gc; Ex nA IIC T4 Gc
FM approval Class I, Zone 2, AEx nA ic IIC T4 Gc; AEx nA IIC T4 Gc
Nonincendive: Class I, Div. 2, Groups A, B, C, D T4
With connection to Class I, II, and III, Div. 2, Groups A, B, C, D, E, F, G
Standards and Regulations
Standards/regulations IEC 60664
DIN EN 50178
Flammability rating according to UL 94 V0
Conformance ANSI/I...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IOA AI/AO/BFI/DS/0.5A/EX 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.