INDUSTRIAL COMPONENT DATA

IOA REL 120V DI/1.0A/EX 2910157 PHOENIX CONTACT Input/output module

Brand: PHOENIX CONTACT | Manufacturer Part Number: IOA REL 120V DI/1.0A/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	IOA REL 120V DI/1.0A/EX
Catalog number	2910157
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-FC69F24F27
Generated	2026-11-18

Product Overview

Input/output module
Relay module for Marshalling VIP I/O base elements. For coupling, with galvanic separation, 120 V AC field equipment to digital inputs. Includes fuse and fuse failure indication.

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 2910157
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 556 (C-5-2017)
GTIN 4055626447704
Weight per Piece (excluding packing) 0.000 g
Custom tariff number 85364900
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 ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 70 °C
Coil side
Nominal input voltage UN 120 V AC
Input voltage range in reference to UN 0.9 ... 1.1
Typical input current at UN 3 mA
Typical response time 5 ms
Typical release time 4 ms
Protective circuit Bridge rectifier
Operating voltage display Yellow LED
Contact side
Contact type 1 N/O contact
Type of switch contact Single contact
Contact material AgSnO, hard gold-plated
Maximum switching voltage 24 V DC
Min. switching current 1 mA (at 24 V)
Maximum inrush current 50 mA
Limiting continuous current 50 mA
Interrupting rating (ohmic load) max. 1.2 W (at 24 V DC)
General
Operating mode 100% operating factor
Degree of protection IP20
Mechanical service life 2x 107cycles
Mounting position any
Assembly instructions Plugs into VIP/...BASE...
Net weight (SAP) 0 g
Standards and Regulations
Standards/regulations IEC 60664
DIN EN 50178
Flammability rating according to UL 94 V0
Conformance ANSI/ISA 60079-0; 60079-15
ANSI/IEC 60529
FM 3600; 3611; 3810
ATEX Sira 17ATEX4293X; II 3G Ex nA nC IIC T4 Gc
IECEx IECEx SIR 17.0078X; Ex nA nC IIC T4 Gc
UL, USA/Canada Class....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IOA REL 120V DI/1.0A/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.