

**INDUSTRIAL COMPONENT DATA**

# IOA REL 230V DI/1.0A/EX 2910423 PHOENIX CONTACT

## Input/output module

Brand: PHOENIX CONTACT | Manufacturer Part Number: IOA REL 230V DI/1.0A/EX



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | PHOENIX CONTACT         |
| MPN / Reference | IOA REL 230V DI/1.0A/EX |
| Catalog number  | 2910423                 |
| Category        | Switching relay         |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-55A11E242E           |
| Generated       | 2026-08-02              |

### Product Overview

Input/output module

Relay module for Marshalling VIP I/O base elements. For galvanically separating 230 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 &gt; INTERFACE Components (IF)

### Additional Product Information

Key Commercial Data

Orderkey 2910423

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626497303

Weight per Piece (excluding packing) 31.000 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 230 V AC  
Input voltage range in reference to UN 0.9 ... 1.1  
Typical input current at UN 3 mA  
Typical response time 7 ms  
Typical release time 15 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 10<sup>7</sup> cycles  
Mounting position any  
Assembly instructions Plugs into VIP/...BASE...  
Net weight (SAP) 31 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 I, Div. 2, Groups A, B, C, D T...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IOA REL 230V DI/1.0A/EX with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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.