INDUSTRIAL COMPONENT DATA

IOA REL 120V DO/BFI/3.0A/EX 2910154 PHOENIX CONTACT Input/output module

Brand: PHOENIX CONTACT | Manufacturer Part Number: IOA REL 120V DO/BFI/3.0A/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	IOA REL 120V DO/BFI/3.0A/EX
Catalog number	2910154
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-BCAF5B6DAD
Generated	2026-11-18

Product Overview

Input/output module
Relay module for Marshalling VIP I/O base elements. To switch loads from 120 V AC up to max. 3 A. Includes fuse and fuse fault indication. Normally open or normally closed contact can be used.

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 2910154
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 556 (C-5-2017)
GTIN 4055626447285
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 24 V DC
Input voltage range in reference to UN 0.9 ... 1.1
Typical input current at UN 13.5 mA
Typical response time 5 ms
Typical release time 8 ms
Protective circuit Reverse polarity protection Polarity protection diode
Free-wheeling diode Damping diode
Operating voltage display Yellow LED
Contact side
Contact type 1 PDT
Type of switch contact Single contact
Contact material AgSnO
Maximum switching voltage 120 V AC
Min. switching current 10 mA (at 12 V)
Maximum inrush current on request
Limiting continuous current 3 A (fuse limited)
Interrupting rating (ohmic load) max. 23 W (at 110 V DC)
360 VA (at 120 V AC)
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IOA REL 120V DO/BFI/3.0A/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

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