

INDUSTRIAL COMPONENT DATA

PLC-OPT- 48DC/230AC/1 2900370 PHOENIX CONTACT PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal bloc..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-48DC/230AC/1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OPT-48DC/230AC/1
Catalog number	2900370
Category	Optocoupler
Minimum order	1 Pcs
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Product Overview

PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with push-in connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 48 V DC, output: 24 - 253 V AC/0.75 A

PLC-INTERFACE, consisting of PLC-BPT.../21 base terminal block with push-in connection and plug-in miniature solid-state relay, for installation on NS 35/7.5 rail, 1 closing contact, input: 48 V DC, output: 24-253 V AC/ 0.75 A

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 > Industrial Relays

Additional Product Information

Dimensions

Width 6.2 mm

Height 80 mm

Depth 94 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C

Ambient temperature (storage/transport) -25 °C ... 70 °C

Input data

Nominal input voltage UN 48 V DC

Input voltage range in reference to UN 0.8 ... 1.2

Switching threshold "0" signal in reference to UN ≤ 0.25

Switching threshold "1" signal in reference to UN ≥ 0.8

Typical input current at UN 9 mA

Typical response time 10 ms (at UN)

Typical turn-off time 10 ms (at UN)

Operating voltage display Yellow LED

Type of protection Protection against polarity reversal

Free-wheeling diode

Protective circuit/component Polarity protection diode

Damping diode

Transmission frequency 10 Hz

Output data

Output voltage range 24 V AC ... 253 V AC

Limiting continuous current 0.75 A (see derating curve)

Maximum inrush current 30 A (10 ms)

Min. load current 10 mA

Leakage current < 1 mA (in off state)

Max. load value 4.5 A2s

Voltage drop at max. limiting continuous current < 1 V

Output circuit 2-wire, floating

Type of protection RCV circuit

Connection data, input side

Connection name Input side

Connection method Push-in connection

Stripping length 8 mm

Conductor cross section solid 0.14 mm² ... 2.5 mm²

Conductor cross section flexible 0.14 mm² ... 2.5 mm²

Conductor cross section AWG 26 ... 14

General

Test voltage input/output 2.5 kV (50 Hz, 1 min.)

Mounting position any

Assembly instructions In rows with zero spacing

Operating mode 100% operating factor

Flammability rating according....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-48DC/230AC/1 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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