INDUSTRIAL COMPONENT DATA

PLC-OPT- 48DC/ 24DC/2 2900365 PHOENIX CONTACT PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal bloc..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-48DC/ 24DC/2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OPT-48DC/ 24DC/2
Catalog number	2900365
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-AAD0A8B4CB
Generated	2026-11-18

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: 3 - 33 V DC/3 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: 3-33 V DC/3 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 <= 0.4
Switching threshold "1" signal in reference to UN >= 0.8
Typical input current at UN 9 mA
Typical response time 30 µs (at UN)
Typical turn-off time 300 µs (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 300 Hz
Output data
Output voltage range 3 V DC ... 33 V DC
Limiting continuous current 3 A (see derating curve)
Maximum inrush current 15 A (10 ms)
Voltage drop at max. limiting continuous current <= 200 mV
Output circuit 2-wire, floating
Type of protection Protection against polarity reversal
Surge protection
Protective circuit/component Polarity protection diode
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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-48DC/ 24DC/2 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.