INDUSTRIAL COMPONENT DATA

# PLC-OPT- 24DC/ 48DC/500/W 2900378 PHOENIX CONTACT Solid-state relay module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-24DC/ 48DC/500/W**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-OPT-24DC/ 48DC/500/W |
| Catalog number | 2900378 |
| Category | Optocoupler |
| Minimum order | 1 Pcs |
| Document ID | EO-D838C31E04 |
| Generated | 2026-11-18 |

## Product Overview

Solid-state relay module
PLC-INTERFACE with electrical switched contact, consisting of PLC-BPT.../21 base terminal block with push-in connection and integrated miniature solid-state relay, for NS 35/7.5 rail mounting, 1 switched contact, input: 24 V DC, output: 3-48 V DC/500 mA

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

Key Commercial Data
Orderkey 2900378
Packing unit 10 pc
Catalog page Page 407 (C-5-2017)
GTIN 4046356506977
Weight per Piece (excluding packing) 29.460 g
Custom tariff number 85364190
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions
Width 6.2 mm

Height 80 mm
Depth 86 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 60 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Input data
Nominal input voltage UN 24 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 19.2 V DC ... 28.8 V DC
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 3 mA
Typical response time 0.03 ms
Typical turn-off time 0.15 ms
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Transmission frequency 1000 Hz
Power dissipation for nominal condition 0.07 W
Output data
Output voltage range 3 V DC ... 48 V DC
Limiting continuous current 500 mA (see derating curve)
Min. load current 1 mA
Voltage drop at max. limiting continuous current < 1.2 V
Output circuit 2-wire, floating
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Connection data 1
Connection name Input side
Connection method Push-in connection
Strippin...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-24DC/ 48DC/500/W 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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