

## INDUSTRIAL COMPONENT DATA

# PLC-OPT- 24DC/ 24DC/3RW 2900379 PHOENIX CONTACT

## Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-24DC/ 24DC/3RW



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | PLC-OPT-24DC/ 24DC/3RW |
| Catalog number  | 2900379                |
| Category        | Optocoupler            |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-FEB7072031          |
| Generated       | 2026-08-03             |

### Product Overview

Solid-state relay module

PLC-INTERFACE for railway applications, consisting of base terminal block with push-in connection and integrated miniature solid-state relay, range: 0.7 x UN to 1.25 x UN, temperature range: -25 °C to +70 °C, 1 closing contact, input: 24 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

Key Commercial Data

Orderkey 2900379

Packing unit 10 pc

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GTIN 4046356506939

Weight per Piece (excluding packing) 27.200 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 ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Degree of protection IP20

Input data

Nominal input voltage UN 24 V DC

Input voltage range in reference to UN 0.7 ... 1.25 ( $t < 1 \text{ s} = 0.6 \dots 1.4 \times \text{UN}$ )

Input voltage range 16.8 V DC ... 30 V DC

Switching threshold "0" signal in reference to UN  $\leq 0.3$

Switching threshold "1" signal in reference to UN  $\geq 0.6$

Typical input current at UN 8.5 mA

Typical response time 40  $\mu\text{s}$

Typical turn-off time 200  $\mu\text{s}$

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Protective circuit/component Polarity protection diode

Transmission frequency 300 Hz

Power dissipation for nominal condition 0.2 W

Output data

Output nominal voltage 24 V DC

Output voltage range 3 V DC ... 33 V DC ( $t < 1 \text{ s} = 1.40 \times \text{UN}$ )

Limiting continuous current 3 A (see derating curve)

Surge voltage protection  $> 33 \text{ V DC}$

Voltage drop at max. limiting continuous current  $< 200 \text{ mV}$

Output circuit 2-wire, floating

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-24DC/ 24DC/3RW 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

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