INDUSTRIAL COMPONENT DATA

# PLC-OPT- 24DC/ 24DC/10/R 2900398 PHOENIX CONTACT Solid-state relay module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-24DC/ 24DC/10/R**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-OPT-24DC/ 24DC/10/R |
| Catalog number | 2900398 |
| Category | Optocoupler |
| Minimum order | 10 Pcs |
| Document ID | EO-2A0225DA66 |
| Generated | 2026-11-18 |

## Product Overview

Solid-state relay module
PLC-INTERFACE with return contact, consisting of base terminal block with push-in connection and integrated miniature solid-state relay, for mounting on NS 35/7.5 rail, 1 closing contact, input: 24 V DC, output: 3-33 V DC/10 A

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 2900398
Packing unit 10 pc
Catalog page Page 407 (C-5-2017)
GTIN 4046356506960
Weight per Piece (excluding packing) 34.640 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
Degree of protection IP20
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 0.15 ms
Typical turn-off time 1 ms
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Transmission frequency 100 Hz
Power dissipation for nominal condition 0.07 W
Output data
Designation DC voltage output
Output voltage range 5 V DC ... 33 V DC
Limiting continuous current 10 A (see derating curve)
Maximum inrush current 100 A (t = 20 ms)
Voltage drop at max. limiting continuous current <= 50 mV
Output circuit 3-conductor, ground-referenced
Type of protection Protection against polarity reversal (not continuous protection)
Surge protection
Designation Alarm output
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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-24DC/ 24DC/10/R 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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