

**INDUSTRIAL COMPONENT DATA**

# PLC-OSC-125DC/ 48DC/100 2980047 PHOENIX CONTACT

## Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-125DC/ 48DC/100



|                 |                         |
|-----------------|-------------------------|
| Manufacturer    | PHOENIX CONTACT         |
| MPN / Reference | PLC-OSC-125DC/ 48DC/100 |
| Catalog number  | 2980047                 |
| Category        | Optocoupler             |
| Minimum order   | 1 Pcs                   |
| Document ID     | EO-045DD6FE56           |
| Generated       | 2026-07-29              |

## Product Overview

Solid-state relay module

PLC-INTERFACE, consisting of PLC-BSC.../21 base terminal block with screw connection and plug-in miniature solid-state relay, for installation on NS 35/7.5, 1 closing contact, input: 125 V DC, output: 3-48 V DC/100 mA

**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 &gt; Industrial Relays

## Additional Product Information

Key Commercial Data

Orderkey 2980047

Packing unit 10 pc

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GTIN 4017918619060

Weight per Piece (excluding packing) 32.200 g

Custom tariff number 85364900

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 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 125 V DC

Input voltage range in reference to UN 0.8 ... 1.1

Input voltage range 100 V DC ... 137.5 V DC

Switching threshold "0" signal in reference to UN  $\leq 0.4$

Switching threshold "1" signal in reference to UN  $\geq 0.8$

Typical input current at UN 3 mA

Typical response time 1 ms (at UN)

Typical turn-off time 3 ms (at UN)

Status display Yellow LED

Transmission frequency 50 Hz

Power dissipation for nominal condition 0.38 W

Output data

Output voltage range 3 V DC ... 48 V DC

Limiting continuous current 100 mA

Voltage drop at max. limiting continuous current  $\leq 1$  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 Screw connection

Stripping length 8 mm

Screw thread M3

Conductor cross section solid 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section flexible 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section AWG 26 .....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-125DC/ 48DC/100 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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