INDUSTRIAL COMPONENT DATA

# PLC-OSC-125DC/ 24DC/ 2 2980050 PHOENIX CONTACT Solid-state relay module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-125DC/ 24DC/ 2**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-OSC-125DC/ 24DC/ 2 |
| Catalog number | 2980050 |
| Category | Optocoupler |
| Minimum order | 1 Pcs |
| Document ID | EO-A9E62111A8 |
| Generated | 2026-11-18 |

## Product Overview

Solid-state relay module
PLC-INTERFACE, consisting of PLC-BSP.../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: 3-33 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

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

## Additional Product Information

Key Commercial Data
Orderkey 2980050
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 377 (C-5-2017)
GTIN 4017918619053
Weight per Piece (excluding packing) 32.000 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 <= 0.3
Switching threshold "1" signal in reference to UN >= 0.8
Typical input current at UN 3 mA
Typical response time 40 µs (at UN)
Typical turn-off time 600 µs (at UN)
Operating voltage display Yellow LED
Type of protection Reverse polarity protection
Protective circuit/component Polarity protection diode
Transmission frequency 100 Hz
Power dissipation for nominal condition 0.38 W
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 Reverse polarity protection
Surge protection
Protective circuit/component Polarity protection diode
Connection data 1
Connection name Input side
Co...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-125DC/ 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

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