

**INDUSTRIAL COMPONENT DATA**

# PLC-OSC- 5DC/ 24DC/ 2/ACT 2980144 PHOENIX CONTACT

## Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-5DC/ 24DC/ 2/ACT



|                 |                          |
|-----------------|--------------------------|
| Manufacturer    | PHOENIX CONTACT          |
| MPN / Reference | PLC-OSC-5DC/ 24DC/ 2/ACT |
| Catalog number  | 2980144                  |
| Category        | Optocoupler              |
| Minimum order   | 1 Pcs                    |
| Document ID     | EO-804AA0269F            |
| Generated       | 2026-07-29               |

## Product Overview

Solid-state relay module

PLC-INTERFACE for output functions, consisting of PLC-BSC.../ACT base terminal block with screw connection and plug-in miniature solid-state relay, for NS 35/7.5 rail mounting, 1 closing contact, input: 5 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 2980144

Packing unit 10 pc

Catalog page Page 380 (C-5-2017)

GTIN 4017918727499

Weight per Piece (excluding packing) 35.740 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 5 V DC

Input voltage range in reference to UN 0.8 ... 1.2

Input voltage range 4 V DC ... 6 V DC

Switching threshold "0" signal in reference to UN  $\leq 0.25$

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

Typical input current at UN 9.5 mA

Typical response time 20  $\mu$ s (at UN)

Typical turn-off time 300  $\mu$ s (at UN)

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Free-wheeling diode

Protective circuit/component Polarity protection diode

Damping diode

Transmission frequency 300 Hz

Power dissipation for nominal condition 0.05 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  $\leq 200$  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

Connectio...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-5DC/ 24DC/ 2/ACT 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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.