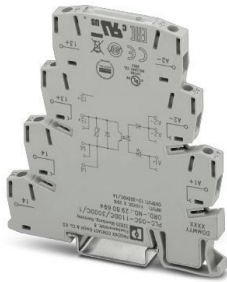


**INDUSTRIAL COMPONENT DATA**

# PLC-OSC-110DC/300DC/ 1 2980694 PHOENIX CONTACT

## Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-110DC/300DC/ 1



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | PLC-OSC-110DC/300DC/ 1 |
| Catalog number  | 2980694                |
| Category        | Optocoupler            |
| Minimum order   | 1 Pcs                  |
| Document ID     | EO-6B35DAD41F          |
| Generated       | 2026-07-29             |

## Product Overview

Solid-state relay module

PLC INTERFACE, integrated solid-state relay, screw connection, for installation on symmetrical rail NS 35/7.5, input: 110 V DC, output: 12-300 V DC/1 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 2980694

Packing unit 10 pc

Catalog page Page 406 (C-5-2017)

GTIN 4046356051439

Weight per Piece (excluding packing) 34.310 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 86 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 60 °C

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

Input data

Nominal input voltage UN 110 V DC

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

Input voltage range 88 V DC ... 132 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 5 mA

Typical response time 0.4 ms

Typical turn-off time 0.7 ms

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection diode

Varistor

Transmission frequency 50 Hz

Power dissipation for nominal condition 0.55 W

Output data

Designation Output data

Output voltage range 12 V DC ... 300 V DC (Partition plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal points in adjacent modules. Potential bridging is then carried out with FBST 8-PLC... or ...FBST 500...)

Limiting continuous current 1 A (see derating curve)

Voltage drop at max. limiting continuous current < 500 mV

Type of protection...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-110DC/300DC/ 1 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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