

## INDUSTRIAL COMPONENT DATA

# PLC-OSC-120UC/ 48DC/100/SEN 2966799 PHOENIX CONTACT

## Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-120UC/ 48DC/100/SEN



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | PHOENIX CONTACT             |
| MPN / Reference | PLC-OSC-120UC/ 48DC/100/SEN |
| Catalog number  | 2966799                     |
| Category        | Optocoupler                 |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-AD33FE9CC9               |
| Generated       | 2026-08-02                  |

## Product Overview

Solid-state relay module

PLC-INTERFACE for input functions, consisting of PLC-BSC.../SEN base terminal block with screw connection and plug-in miniature solid-state relay, for installation on NS 35/7.5 rail, 1 closing contact, input: 120 V AC/110 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 > Industrial Relays |
|--------------|-------------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 2966799

Packing unit 10 pc

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GTIN 4017918130619

Weight per Piece (excluding packing) 38.120 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 120 V AC  
110 V DC  
Input voltage range in reference to UN 0.8 ... 1.1  
Input voltage range 96 V AC ... 132 V AC  
88 V DC ... 121 V DC  
Switching threshold "0" signal in reference to UN  $\leq 0.3$   
Switching threshold "1" signal in reference to UN  $\geq 0.8$   
Typical input current at UN 3.5 mA  
Typical response time 6 ms (at UN)  
Typical turn-off time 10 ms (at UN)  
Operating voltage display Yellow LED  
Type of protection Bridge rectifier  
Protective circuit/component Bridge rectifier  
Transmission frequency 10 Hz  
Power dissipation for nominal condition 0.42 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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-120UC/ 48DC/100/SEN 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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