INDUSTRIAL COMPONENT DATA

# PLC-OSC-230UC/ 48DC/100/SEN 2966809 PHOENIX CONTACT Solid-state relay module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-230UC/ 48DC/100/SEN**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-OSC-230UC/ 48DC/100/SEN |
| Catalog number | 2966809 |
| Category | Optocoupler |
| Minimum order | 1 Pcs |
| Document ID | EO-0B908400D7 |
| Generated | 2026-11-18 |

## 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 NS 35/7.5 rail mounting, 1 closing contact, input: 230 V AC/220 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

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

## Additional Product Information

Key Commercial Data
Orderkey 2966809
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 385 (C-5-2017)
GTIN 4017918130626
Weight per Piece (excluding packing) 32.470 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 230 V AC
220 V DC
Input voltage range in reference to UN 0.8 ... 1.1
Input voltage range 184 V AC ... 253 V AC
176 V DC ... 242 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 3.5 mA
Typical response time 3 ms (at UN)
Typical turn-off time 5 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 0.81 W
Output data
Output voltage range 3 V DC ... 48 V DC
Limiting continuous current 100 mA
Voltage drop at max. limiting continuous current <= 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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-230UC/ 48DC/100/SEN 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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