INDUSTRIAL COMPONENT DATA

PLC-OSC- 48DC/ 24DC/ 2 2967002 PHOENIX CONTACT Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-48DC/ 24DC/ 2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-48DC/ 24DC/ 2
Catalog number	2967002
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-8401A92B0F
Generated	2026-11-18

Product Overview

Solid-state relay module
PLC-INTERFACE, consisting of PLC-BSC.../21 base terminal block with screw connection and plug-in miniature solid-state relay, for NS 35/7.5 rail mounting, 1 closing contact, input: 48 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 2967002
Packing unit 10 pc
Note Made to Order (non-returnable)
Catalog page Page 377 (C-5-2017)
GTIN 4017918165857
Weight per Piece (excluding packing) 34.920 g
Custom tariff number 85364190
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 48 V DC
Input voltage range in reference to UN 0.8 ... 1.2
Input voltage range 38.4 V DC ... 57.6 V DC
Switching threshold "0" signal in reference to UN <= 0.4
Switching threshold "1" signal in reference to UN >= 0.8
Typical input current at UN 9 mA
Typical response time 30 µs (at UN)
Typical turn-off time 300 µs (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 0.43 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 dat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-48DC/ 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

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.