

INDUSTRIAL COMPONENT DATA

PLC-OSC- 24DC/ 24DC/ 10/R 2982702 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-24DC/ 24DC/ 10/R



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-24DC/ 24DC/ 10/R
Catalog number	2982702
Category	Optocoupler
Minimum order	1 Pcs
Document ID	EO-FBEE0539EA
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Product Overview

Solid-state relay module

PLC-INTERFACE with check contact, consisting of base terminal block with screw connection and integrated miniature solid-state relay, for DIN rail mounting NS 35/7.5, 1 normally open contact, input: 24 V DC, output: 3 ... 33 V DC/10 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
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Additional Product Information

Key Commercial Data

Orderkey 2982702

Packing unit 10 pc

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GTIN 4046356155748

Weight per Piece (excluding packing) 38.020 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 86 mm

Ambient conditions

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

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

Degree of protection IP20

Input data

Nominal input voltage UN 24 V DC

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

Input voltage range 19.2 V DC ... 28.8 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 3 mA

Typical response time 0.15 ms

Typical turn-off time 1 ms

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Surge protection

Protective circuit/component Polarity protection diode

Transmission frequency 100 Hz

Power dissipation for nominal condition 0.07 W

Output data

Designation DC voltage output

Output voltage range 5 V DC ... 33 V DC

Limiting continuous current 10 A (see derating curve)

Maximum inrush current 100 A ($t = 20$ ms)

Voltage drop at max. limiting continuous current ≤ 50 mV

Output circuit 3-conductor, ground-referenced

Type of protection Protection against polarity reversal (not continuous protection)

Surge protection

Designation Alarm output

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-24DC/ 24DC/ 10/R 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 PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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