

INDUSTRIAL COMPONENT DATA

PLC-OSC- 24DC/230AC/ 2/ACT 2982760 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-24DC/230AC/ 2/ACT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-24DC/230AC/ 2/ACT
Catalog number	2982760
Category	Optocoupler
Minimum order	1 Pcs
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Product Overview

Solid-state relay module

PLC-INTERFACE for output functions, consisting of PLC-BSC.../ACT base terminal block with screw connection and plug-in miniature solid-state relay, for mounting on NS 35/7.5 rail, 1 closing contact, input: 24 V DC, output: 24-253 V AC/2 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 2982760

Packing unit 10 pc

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GTIN 4046356342612

Weight per Piece (excluding packing) 72.100 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 14 mm

Height 80 mm

Depth 94 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 60 °C

Ambient temperature (storage/transport) -25 °C ... 70 °C

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 9 mA

Typical response time 10 ms

Typical turn-off time 10 ms

Operating voltage display Yellow LED

Type of protection Reverse polarity protection

Free-wheeling diode

Protective circuit/component Polarity protection diode

Damping diode

Transmission frequency 10 Hz

Power dissipation for nominal condition 0.22 W

Output data

Output nominal voltage 230 V AC

Output voltage range 24 V AC ... 253 V AC

Limiting continuous current 2 A (see derating curve)

Maximum inrush current 30 A (10 ms)

Min. load current 25 mA

Leakage current typ. 1 mA

Surge current 30 A (tp = 10 ms)

Max. load value 4 A2s (tp = 10 ms, at 25 °C)

Peak offstate voltage 600 V

Voltage drop at max. limiting continuous current ≤ 1 V

Output circuit 2-conductor floatin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-24DC/230AC/ 2/ACT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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