

INDUSTRIAL COMPONENT DATA

PLC-OPT- 5DC/ 24DC/2/ACT 2900375 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-5DC/ 24DC/2/ACT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OPT-5DC/ 24DC/2/ACT
Catalog number	2900375
Category	Optocoupler
Minimum order	1 Pcs
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Product Overview

Solid-state relay module

PLC-INTERFACE for output functions, consisting of PLC-BPT.../ACT base terminal block with push-in connection and plug-in miniature solid-state relay, for installation on NS 35/7.5 rail, 1 closing contact, input: 5 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
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Additional Product Information

Key Commercial Data

Orderkey 2900375

Packing unit 10 pc

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GTIN 4046356506861

Weight per Piece (excluding packing) 31.270 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 5 V DC

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

Input voltage range 4 V DC ... 6 V DC

Switching threshold "0" signal in reference to UN ≤ 0.25

Switching threshold "1" signal in reference to UN ≥ 0.8

Typical input current at UN 9.5 mA

Typical response time 20 μ s (at UN)

Typical turn-off time 300 μ s (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 0.05 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 data 1

Connection name Input side

Connectio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-5DC/ 24DC/2/ACT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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