

INDUSTRIAL COMPONENT DATA

PLC-OSC-120UC/ 24DC/ 2 2966650 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OSC-120UC/ 24DC/ 2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OSC-120UC/ 24DC/ 2
Catalog number	2966650
Category	Optocoupler
Minimum order	1 Pcs
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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 rail mounting NS 35/7.5, 1 closing contact, input: 120 V AC/110 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 2966650

Packing unit 10 pc

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GTIN 4017918130497

Weight per Piece (excluding packing) 32.040 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 120 V AC

110 V DC

Input voltage range in reference to UN 0.9 ... 1.1

Input voltage range 108 V AC ... 132 V AC

99 V DC ... 121 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 3.5 ms (at UN)

Typical turn-off time 7 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 0.42 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

Connection method Screw connec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OSC-120UC/ 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

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