

INDUSTRIAL COMPONENT DATA

PLC-OPT-230UC/ 48DC/100 2900356 PHOENIX CONTACT

Solid-state relay module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-230UC/ 48DC/100



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-OPT-230UC/ 48DC/100
Catalog number	2900356
Category	Optocoupler
Minimum order	1 Pcs
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Product Overview

Solid-state relay module

PLC-INTERFACE, consisting of PLC-BPT.../21 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: 230 V AC/220 V DC, output: 3-48 V DC/100 mA

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 2900356

Packing unit 10 pc

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GTIN 4046356506793

Weight per Piece (excluding packing) 31.270 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 230 V AC

220 V DC

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

Input voltage range 207 V AC ... 253 V AC

198 V DC ... 242 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 ms (at UN)

Typical turn-off time 5 ms (at UN)

Type of protection Bridge rectifier

Protective circuit/component Bridge rectifier

Transmission frequency 10 Hz

Power dissipation for nominal condition 0.81 W

Output data

Output voltage range 3 V DC ... 48 V DC

Limiting continuous current 100 mA

Voltage drop at max. limiting continuous current ≤ 1 V

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 Push-in connection

Stripping length 8 mm

Conductor cross section solid 0.14 mm² ... 2.5 mm²

Conductor cross...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-230UC/ 48DC/100 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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