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
Document ID	EO-FD2A0475B2
Generated	2026-11-18

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
Catalog page Page 376 (C-5-2017)
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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.