INDUSTRIAL COMPONENT DATA

# PLC-OPT-120UC/230AC/1 2900372 PHOENIX CONTACT PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal bloc..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-OPT-120UC/230AC/1**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PLC-OPT-120UC/230AC/1 |
| Catalog number | 2900372 |
| Category | Optocoupler |
| Minimum order | 1 Pcs |
| Document ID | EO-C1310B173C |
| Generated | 2026-11-18 |

## Product Overview

PLC-INTERFACE, consisting of PLC-BPT.../21 basic terminal block with push-in connection and plug-in miniature solid-state relay, for mounting on DIN rail NS 35/7,5, 1 N/O contact, input: 120 V AC/110 V DC, output: 24 - 253 V AC/0.75 A

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

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)
110 V DC
Input voltage range in reference to UN 0.9 ... 1.1

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 4 mA
Typical response time 10 ms (at UN)
Typical turn-off time 10 ms (at UN)
Operating voltage display Yellow LED
Type of protection Bridge rectifier
Protective circuit/component Bridge rectifier
Transmission frequency 3 Hz
Output data
Output voltage range 24 V AC ... 253 V AC
Limiting continuous current 0.75 A (see derating curve)
Maximum inrush current 30 A (10 ms)
Min. load current 10 mA
Leakage current < 1 mA (in off state)
Max. load value 4.5 A2s
Voltage drop at max. limiting continuous current < 1 V
Output circuit 2-wire, floating
Type of protection RCV circuit
Connection data, input side
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 section flexible 0.14 mm² ... 2.5 mm²
Conductor cross section AWG 26 ... 14
General
Test voltage input/output 2.5 kV (50 Hz, 1 min.)
Mounting position any
Assembly instructions In rows with zero spacing
Operating mode 100% operating factor
Flammability rating according to UL 94 V0
Pollution degree 2
Overvoltage....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-OPT-120UC/230AC/1 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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