

**INDUSTRIAL COMPONENT DATA**

# PLC-BPT-120UC/21 2900280 PHOENIX CONTACT Relay base

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-BPT-120UC/21



|                 |                  |
|-----------------|------------------|
| Manufacturer    | PHOENIX CONTACT  |
| MPN / Reference | PLC-BPT-120UC/21 |
| Catalog number  | 2900280          |
| Category        | Relay socket     |
| Minimum order   | 10 Pcs           |
| Document ID     | EO-DC9E41A0EE    |
| Generated       | 2026-08-04       |

## Product Overview

Relay base

6.2 mm PLC base terminal block with push-in connection, without relay or solid-state relay equipment, for mounting on NS 35/7.5 rail, 1 switched contact, input voltage 120 V AC/DC

6.2 mm PLC basic terminal block with Push-in connection, without relay or solid-state relay, for mounting on DIN rail NS 35/7,5, 1 changeover contact, input voltage 120 V AC/DC

**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

Technical dataNotesUtilization restriction

EMC note EMC: class A product, see manufacturer's declaration in the download area

Product propertiesProduct type Relay socket

Product family PLC-INTERFACE

Application Universal

Operating mode 100% operating factor

Data management status

Article revision 05

Insulation characteristics

Overvoltage category II

Pollution degree 3

Electrical propertiesProtective circuit Bridge rectifier

Input dataNominal input voltage UN 120 V AC/DC

The nominal voltage of the plug-on electromechanical relay or solid-state relay (see necessary accessories) deviates from the nominal input voltage of the base with integrated upstream circuit

Protective circuit Bridge rectifier

Nominal input voltage UN 120 V AC/DC

The nominal voltage of the plug-on electromechanical relay or solid-state relay (see necessary accessories) deviates from the nominal input voltage of the base with integrated upstream circuit

Connection dataConnection method Push-in connection

Stripping length 10 mm

Conductor cross section rigid 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

Conductor cross section flexible 0.14 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

0.2 mm<sup>2</sup> ... 2.5 mm<sup>2</sup> (Single ferrule)

2x 0.5 mm<sup>2</sup> ... 1 mm<sup>2</sup> (TWIN ferrule)

Conductor cross section AWG 26 ... 14

SignalingStatus display LED

DimensionsWidth 6.2 mm

Height 80 mm

Depth 94 mm

Material specificationsColor gray (RAL 7042)

Flammability rating according to UL 94 V0 (Housing)

Environmental and real-life conditionsAmbient conditions

Ambient temperature (operation) -40 °C ... 5...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-BPT-120UC/21 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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