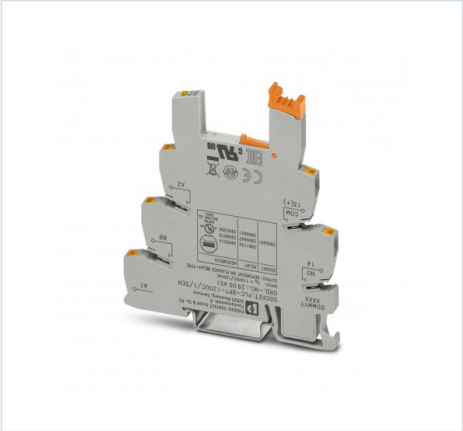
INDUSTRIAL COMPONENT DATA

PLC-BPT-120UC/ 1/SEN 2900451 PHOENIX CONTACT Relay base

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-BPT-120UC/ 1/SEN



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-BPT-120UC/ 1/SEN
Catalog number	2900451
Category	Relay socket
Minimum order	10 Pcs
Document ID	EO-6FD300176E
Generated	2026-11-18

Product Overview

Relay base
6.2 mm PLC base terminal block for input functions with push-in connection, without relay or solid-state relay equipment, for mounting on NS 35/7.5 rail, with sensor supply voltage distribution (BB), 1 closing 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 Input function
Data management status
Article revision 05
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 mm² ... 2.5 mm²
Conductor cross section flexible 0.14 mm² ... 2.5 mm²
0.2 mm² ... 2.5 mm² (Single ferrule)
2x 0.5 mm² ... 1 mm² (TWIN ferrule)
Conductor cross section AWG 26 ... 14
DimensionsWidth 6.2 mm
Height 80 mm
Depth 94 mm
Environmental and real-life conditionsAmbient conditions
Ambient temperature (operation) -40 °C ... 55 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
ApprovalsCE
Certificate CE-compliant
UKCA
Certificate UKCA-compliant
Shipbuilding approval
Certificate TAE0000196
Corrosive gas test
Identification ISA-S71.04. G3 Harsh Group
EN 60068-2-60
DNV GL data
Temperature D
Humidit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-BPT-120UC/ 1/SEN with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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