INDUSTRIAL COMPONENT DATA

PPC 2,5/1-L BU 3000654 PHOENIX CONTACT COMBI receptacle

Brand: PHOENIX CONTACT | Manufacturer Part Number: PPC 2,5/1-L BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	PPC 2,5/1-L BU
Catalog number	3000654
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-781E9F4484
Generated	2026-11-19

Product Overview

COMBI receptacle
COMBI coupling, rated voltage: 500 V, rated current: 24 A, number of connections: 1, number of poles: 1, connection type: Push-in connection, 1st floor, Sizing cross-section: 2.5 mm², cross-section: 0.14 mm² - 4 mm², color: blue

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 > Modular TBs

Additional Product Information

Key Commercial Data
Orderkey 3000654
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 291 (C-1-2017)
GTIN 4046356676694
Weight per Piece (excluding packing) 3.660 g
Custom tariff number 85366990
Country of origin PL (Poland)
General
Number of positions 1
Number of levels 1

Number of connections 1
Potentials 1
Nominal cross section 2.5 mm²
Color blue
Insulating material PA
Flammability rating according to UL 94 V0
Maximum load current 24 A (with a 2.5 mm² conductor cross section)
Rated surge voltage 6 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 0.77 W
Ambient temperature (operation) -60 °C ... 100 °C
Maximum load current 24 A (with a 2.5 mm² conductor cross section)
Nominal current IN 24 A
Nominal voltage UN 500 V
Open side panel Yes
Insertion/withdrawal cycles mechanical 100
Result of surge voltage test Test passed
Surge voltage test setpoint 7.3 kV
Result of power-frequency withstand voltage test Test passed
Power frequency withstand voltage setpoint 1.89 kV
Short circuit stability result Test passed
Conductor cross section short circuit testing 2.5 mm²
Short-time current 0.3 kA
Result of thermal test Test passed
Proof of thermal characteristics (needle flame) effective duration 30 s
Oscillation, broadband noise test result Test passed
Test specification, oscillation, broadband noise DIN EN 50155 (VDE 0115-200):2008-03
Test spectrum Service....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PPC 2,5/1-L BU 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.