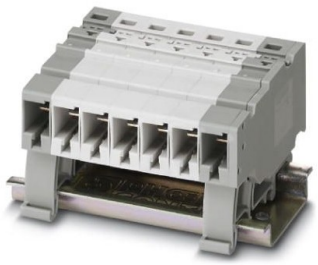
INDUSTRIAL COMPONENT DATA

PPC 6-NS/1-L 3000689 PHOENIX CONTACT COMBI receptacle

Brand: PHOENIX CONTACT | Manufacturer Part Number: PPC 6-NS/1-L



Manufacturer	PHOENIX CONTACT
MPN / Reference	PPC 6-NS/1-L
Catalog number	3000689
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-4DE13675FB
Generated	2026-11-19

Product Overview

COMBI receptacle
COMBI coupling, nominal voltage: 1000 V, nominal current: 41 A, number of connections: 2, number of poles: 1, connection type: Push-in connection, 1st floor, Dimensioning section: 6 mm², cross-section: 0.5 mm² - 10 mm², mounting class: NS 35/15, NS 35/7.5, color: gray

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 3000689
Packing unit 50 pc
Minimum order quantity 50 pc
Note Made to Order (non-returnable)
Catalog page Page 307 (C-1-2017)
GTIN 4046356751827
Weight per Piece (excluding packing) 9.190 g
Custom tariff number 85366990
Country of origin PL (Poland)
General
Number of positions 1
Number of levels 1

Number of connections 2
Potentials 1
Nominal cross section 6 mm²
Color gray
Insulating material PA
Flammability rating according to UL 94 V0
Area of application Railway industry
Machine building
Plant engineering
Maximum load current 41 A (with 6 mm² conductor cross section)
Rated surge voltage 8 kV
Degree of pollution 3
Overvoltage category III
Insulating material group I
Maximum power dissipation for nominal condition 1.31 W
Maximum load current 41 A (with 6 mm² conductor cross section)
Nominal current IN 41 A
Nominal voltage UN 1000 V
Open side panel Yes
Insertion/withdrawal cycles mechanical 100
Result of surge voltage test Test passed
Surge voltage test setpoint 9.8 kV
Result of power-frequency withstand voltage test Test passed
Power frequency withstand voltage setpoint 4.26 kV
Result of tight fit on support Test passed
Tight fit on carrier NS 35
Setpoint 5 N
Short circuit stability result Test passed
Conductor cross section short circuit testing 6 mm²
Short-time current 0.72 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 specifi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PPC 6-NS/1-L 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.