INDUSTRIAL COMPONENT DATA

QP 1,5/ 1 BU 3051250 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: QP 1,5/ 1 BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	QP 1,5/ 1 BU
Catalog number	3051250
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-8DAFA0435A
Generated	2026-11-18

Product Overview

Plug
Connector, rated voltage: 500 V, rated current: 17.5 A, number of poles: 1, connection type: Quick connect, 1st floor, Sizing cross-section: 1.5 mm², cross-section: 0.25 mm²- 1.5 mm², color: blue
Plug, nom. voltage: 500 V, nominal current: 17.5 A, number of positions: 1, connection method: Quick connection, 1 level, Rated cross section: 1.5 mm2, cross section: 0.25 mm2- 1.5 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 > Enclosures connectivity

Additional Product Information

Technical dataProduct propertiesProduct type Terminal plug
Number of positions 1
Pitch 5.2 mm
Data management status
Article revision 05
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Electrical propertiesRated surge voltage 6 kV
Connection dataNominal cross section 1.5 mm²
1 level
Material wire insulation PVC / PE

Connection in acc. with standard IEC 61984
Conductor cross section rigid 0.25 mm² ... 1.5 mm²
Cross section AWG 24 ... 16 (converted acc. to IEC)
Conductor cross section flexible 0.25 mm² ... 1.5 mm²
Conductor cross section, flexible [AWG] 24 ... 16 (converted acc. to IEC)
Cross section, sensor conductors 0.25 mm² ... 0.34 mm²
Nominal current 17.5 A
Maximum load current 17.5 A (with 1.5 mm² conductor cross section)
Nominal voltage 500 V
Nominal cross section 1.5 mm²
DimensionsWidth 5.2 mm
Height 20 mm
Depth 40 mm
Length 20 mm
Pitch 5.2 mm
Material specificationsColor blue (RAL 5015)
Flammability rating according to UL 94 V0
Insulating material group I
Insulating material PA
Static insulating material application in cold -60 °C
Relative insulation material temperature index (Elec., UL 746 B) 125 °C
Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R23 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R24 HL 1 - HL 3
Fire protection for rail vehicles (DIN EN 45545-2) R26 HL 1 - HL 3
Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg
Surface flammability...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / QP 1,5/ 1 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.