

INDUSTRIAL COMPONENT DATA

UPBV 2,5/ 1-R BU 3045389 PHOENIX CONTACT Plug

Brand: PHOENIX CONTACT | Manufacturer Part Number: UPBV 2,5/ 1-R BU



Manufacturer	PHOENIX CONTACT
MPN / Reference	UPBV 2,5/ 1-R BU
Catalog number	3045389
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-BDF3DF939F
Generated	2026-08-03

Product Overview

Plug

Connector, rated voltage: 500 V, rated current: 24 A, number of poles: 1, connection type: Screw connection, 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 3045389

Packing unit 50 pc

Minimum order quantity 50 pc

Note Made to Order (non-returnable)

Catalog page Page 343 (C-1-2017)

GTIN 4046356055598

Weight per Piece (excluding packing) 5.730 g

Custom tariff number 85366990

Country of origin TR (Turkey)

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 4 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

Maximum load current 24 A (with 4 mm² conductor cross section)

Nominal current I_N 24 A

Nominal voltage U_N 500 V

Relative insulation material temperature index (Elec., UL 746 B) 130 °C

Temperature index of insulation material (DIN EN 60216-1 (VDE 0304-21)) 130 °C

Static insulating material application in cold -60 °C

Behavior in fire for rail vehicles (DIN 5510-2) Test passed

Flame test method (DIN EN 60695-11-10) V0

Oxygen index (DIN EN ISO 4589-2) >32 %

NF F16-101, NF F10-102 Class I 2

NF F16-101, NF F10-102 Class F 2

Surface flammability NFPA 130 (ASTM E 162) passed

Specific optical density of smoke NFPA 130 (ASTM E 662) passed

Smoke gas toxicity NFPA 130 (SMP 800C) passed

Calorimetric heat release NFPA 130 (ASTM E 1354) 28 MJ/kg

Fire protection for rail vehicles (DIN EN 45545-2) R22 HL 1 - HL 3

Fir...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / UPBV 2,5/ 1-R 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.