INDUSTRIAL COMPONENT DATA

LP 2,5/ 1-L 1071729 PHOENIX CONTACT Connector, rated voltage: 800 V, rated current: 24 A, number of poles: 1..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	LP 2,5/ 1-L
Catalog number	1071729
Category	Terminal block connector
Minimum order	50 Pcs
Document ID	EO-6D41494C64
Generated	2026-11-19

Product Overview

Connector, rated voltage: 800 V, rated current: 24 A, number of poles: 1, connection type: Push-in connection, Sizing cross-section: 2.5 mm², cross-section: 0.14 mm²- 4 mm², color: gray
Connector, nominal voltage: 800 V, nominal current: 24 A, number of poles: 1, connection type: Push-in connection, Dimensioning section: 2.5 mm², cross-section: 0.14 mm²- 4 mm², color: grey
Plug, nom. voltage: 800 V, nominal current: 24 A, number of positions: 1, connection method: Push-in connection, Rated cross section: 2.5 mm2, cross section: 0.14 mm2- 4 mm2, 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

Technical dataProduct propertiesProduct type Terminal plug
Number of positions 1
Insulation characteristics
Overvoltage category III
Degree of pollution 3
Electrical propertiesRated surge voltage 8 kV
Connection dataStripping length 8 mm ... 10 mm
Connection in acc. with standard IEC 60947-7-1
Conductor cross section rigid 0.14 mm² ... 4 mm²
Cross section AWG 26 ... 12 (converted acc. to IEC)

Conductor cross section flexible 0.14 mm² ... 4 mm²
Conductor cross section, flexible [AWG] 26 ... 12 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) 0.14 mm² ... 2.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 0.14 mm² ... 2.5 mm²
Nominal current 24 A
Maximum load current 24 A (with 4 mm² conductor cross-section)
Nominal voltage 800 V
Nominal cross section 2.5 mm²
Connection cross sections directly pluggable
Conductor cross section rigid 0.5 mm² ... 4 mm²
Conductor cross section, rigid [AWG] 20 ... 12 (converted acc. to IEC)
Conductor cross section flexible 0.5 mm² ... 2.5 mm²
Conductor cross section, flexible [AWG] 14 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) 0.5 mm² ... 2.5 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 0.5 mm² ... 2.5 mm²
DimensionsWidth 5.2 mm
Height 18.6 mm
Depth 40.3 mm
Length 18.6 mm
Material specificationsColor gray
Flammability rating according to UL 94 V0
Insulating material group I
Insulating material PA
Static insulating mater...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LP 2,5/ 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

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