INDUSTRIAL COMPONENT DATA

LPO 2,5 3270517 PHOENIX CONTACT Branch connector, nominal voltage: 800 V, nominal current: 24 A, number of p..

Brand: PHOENIX CONTACT | Manufacturer Part Number: LPO 2,5



Manufacturer	PHOENIX CONTACT
MPN / Reference	LPO 2,5
Catalog number	3270517
Category	Test plug for terminal blocks
Minimum order	50 Pcs
Document ID	EO-D52F5AFA7F
Generated	2026-11-19

Product Overview

Branch connector, nominal voltage: 800 V, nominal current: 24 A, number of poles: 1, connection type: Push-in connection, Dimensioning cross-section: 2.5 mm2, cross-section: 0.14 mm2- 4 mm2, colour: grey
Bypass connector, rated voltage: 800 V, rated 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
Pick-up 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 Test plug terminal block
Number of positions 1
Connection dataStripping length 8 mm ... 10 mm
Internal cylindrical gage A3
B3
Connection in acc. with standard IEC 61984
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 a 2.5 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 ... 2.5 mm²
Conductor cross section, rigid [AWG] 20 ... 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 18.5 mm
Depth 53.4 mm
Material specificationsColor gray
Material PA
Flammability rating according to UL 94 V0
Static insulating material application in cold -60 °C
Relative insulation material temperature index (Elec., UL 746 B) 130 °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 protect...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / LPO 2,5 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.