

INDUSTRIAL COMPONENT DATA

XTTB 2,5 1453789 PHOENIX CONTACT Double-level terminal block, nominal voltage: 800 V, Thermal constant curre..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	XTTB 2,5
Catalog number	1453789
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-D1501AD0CA
Generated	2026-08-04

Product Overview

Double-level terminal block, nominal voltage: 800 V, Thermal constant current I_{th}: 22 A, connection type: Push-X connection, Sizing cross-section: 2.5 mm², cross-section: 0.5 mm² - 4 mm², mounting class: NS 35/7.5, NS 35/15, color: gray

Double-deck terminal block, nominal voltage: 800 V, nominal current: 22 A, connection type: Push-X connection, Dimensioning cross-section: 2.5 mm², cross-section: 0.5 mm² - 4 mm², installation type: NS 35/7.5, NS 35/15, colour: grey

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 dataItem PropertiesProduct Type Multi-Floor Terminal Block

Number of poles 2

Number of connections 4

Number of rows 2

Insulation Properties

Surge Category Iii

Degree of pollution 3

Electrical PropertiesDimensioning Transient Voltage 8 kV

Maximum Dissipated Power with Nominal Condition 0.77 W

Connection dataNumber of connections per floor 2

Nominal Section 2.5 mm²

AWG Conductor Section (Converted according to IEC)
Peel Length 10 mm ... 12 mm
Standard-compliant connection IEC 60947-7-1
Rigid conductor section 0.5 mm² ... 4 mm²
AWG Conductor Section 20 ... 12 (Converted according to IEC)
Flexible conductor section 0.75 mm² ... 4 mm²
Flexible Wire Section [AWG] 18 ... 12 (Converted according to IEC)
Flexible cable section (toe cap without plastic sleeve) 0.5 mm² ... 2.5 mm²
Flexible cable section (toe cap with plastic sleeve) 0.5 mm² ... 2.5 mm²
Thermal Constant Current I_{Th} 22 A (With a conductor cross-section of 2.5 mm²)
Maximum Charging Current 26 A (with rigid 4 mm² cable cross-section)
Nominal voltage 800 V
Nominal Section 2.5 mm²
DimensionsWidth 5.2 mm
Lid Width 2.2 mm
Height 90 mm
Depth 46.1 mm
Depth at NS 35/7.5 47.6 mm
Depth at NS 35/15 55.1 mm
Material DataColour grey
Flammability class according to UL 94 V0
Insulating material group I
Insulating material PA
Static use of cold insulating material -60 °C
Relative Insulating 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / XTTB 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.