INDUSTRIAL COMPONENT DATA

XTTB 2,5-PV 1453890 PHOENIX CONTACT Double-level terminal block, nominal voltage: 800 V, Thermal constant cu..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	XTTB 2,5-PV
Catalog number	1453890
Category	Feed-through terminal block
Minimum order	50 Pcs
Document ID	EO-0FD3AD8FFA
Generated	2026-11-18

Product Overview

Double-level terminal block, nominal voltage: 800 V, Thermal constant current Ith: 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

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
Potential 1
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 ITh 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 pro...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / XTTB 2,5-PV 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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