INDUSTRIAL COMPONENT DATA

XTV 16-SG WH 1428615 PHOENIX CONTACT Display connection terminal, nominal voltage: 48 V, connection type: Pu..

Brand: PHOENIX CONTACT | Manufacturer Part Number: XTV 16-SG WH



Manufacturer	PHOENIX CONTACT
MPN / Reference	XTV 16-SG WH
Catalog number	1428615
Category	Shield connection clamp
Minimum order	50 Pcs
Document ID	EO-A00AB44393
Generated	2026-11-18

Product Overview

Display connection terminal, nominal voltage: 48 V, connection type: Push-X connection, Sizing cross-section: 16 mm², cross-section: 2.5 mm² - 25 mm², mounting class: NS 35/7.5, NS 35/15, color: white
Terminal block for display connection, nominal voltage: 48 V, connection type: Push-X connection, dimensioning section: 16 mm², cross-section: 2.5 mm² - 25 mm², installation type: NS 35/7.5, NS35/15, colour: white
Shield connection clamp, nom. voltage: 48 V, connection method: Push-X-connection, Rated cross section: 16 mm2, cross section: 2.5 mm2 - 25 mm2, mounting type: NS 35/7,5, NS 35/15, color: white

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 Shield connection clamp
Number of positions 1
Area of application Railway industry
Machine building
Plant engineering
Number of connections 2
Number of rows 1
Potentials 1

Insulation characteristics
Overvoltage category III
Degree of pollution 3
Electrical propertiesMaximum power dissipation for nominal condition 0 W
Connection dataNumber of connections per level 2
Nominal cross section 16 mm²
Stripping length 18 mm ... 20 mm
Internal cylindrical gage A7
B6
Conductor cross section rigid 2.5 mm² ... 25 mm²
Cross section AWG 12 ... 4 (converted acc. to IEC)
Conductor cross section flexible 4 mm² ... 25 mm²
Conductor cross section, flexible [AWG] 10 ... 4 (converted acc. to IEC)
Conductor cross-section flexible (ferrule without plastic sleeve) 2.5 mm² ... 16 mm²
Flexible conductor cross section (ferrule with plastic sleeve) 2.5 mm² ... 16 mm²
Nominal voltage 48 V
Nominal cross section 16 mm²
DimensionsWidth 12.2 mm
Height 77.2 mm
Depth 49.8 mm
Depth on NS 35/7,5 51.3 mm
Depth on NS 35/15 58.8 mm
Material specificationsColor white
Flammability rating according to UL 94 V0
Insulating material group I
Insulating material PA
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 protection for rail vehicles (DIN EN 45545-2) R24 HL....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / XTV 16-SG WH 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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