INDUSTRIAL COMPONENT DATA

VS-OE-OE-93B-100,0 1416389 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-OE-OE-93B-100,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-OE-OE-93B-100,0
Catalog number	1416389
Category	Data and communication cable
Minimum order	1 Pcs
Document ID	EO-A492A4A6AB
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Product Overview

Network cable
Network cable, PROFINET CAT5 (100 MBit/s), 4-pole, shielded, free cable end, to free cable end, cable length: 100 m
Data cable, PROFINET CAT5 (100 MBit/s), 4-pole, PVC/PVC, green RAL 6018, screened, free cable end, to free cable end, cable length: 100 m

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 > Industrial Field Connectivity (IFC)

Additional Product Information

Key Commercial Data
Orderkey 1416389
Packing unit 1 pc
Catalog page Page 396 (C-2-2017)
GTIN 4046356474023
Weight per Piece (excluding packing) 6,628.000 g
Custom tariff number 85444290
Country of origin DE (Germany)
Dimensions
Length of cable 100 m
General data
Number of positions 4

Signal type/category PROFINET CAT5 (IEC 11801:2002), 100 Mbps
Cable
Cable type PROFINET PVC stranded CAT5
Cable type (abbreviation) 93B
UL AWM style 21694
Signal type/category PROFINET CAT5 (IEC 11801), 100 Mbps
EtherCAT®CAT5 (IEC 11801), 100 Mbps
Cable structure 1x4xAWG22/7; SF/TQ
Conductor cross section 4x 0.34 mm²
AWG signal line 22
Conductor structure signal line 7x 0.25 mm
Core diameter including insulation 1.55 mm
Wire colors White, yellow, blue, orange
Overall twist Star quad
Shielding Aluminum-coated foil, tinned copper braided shield
Optical shield covering 85 %
External sheath, color green RAL 6018
Outer sheath thickness approx. 0.9 mm
External cable diameter D 6.5 mm ±0.2 mm
Minimum bending radius, fixed installation 3 x D
Minimum bending radius, flexible installation 7 x D
Cable weight 67 kg/km
Outer sheath, material PVC
Material, inner sheath PVC
Material conductor insulation PE
Conductor material Tin-plated Cu litz wires
Insulation resistance >= 500 M?*km
Loop resistance <= 120.00 ?/km
Wave impedance 100 ? ±15 ? (at 100 MHz)
Near end crosstalk attenuation (NEXT) 80 dB (with 1 MHz)
76 dB (at 4 ?Hz)
70 dB (at 10 MHz)
65 dB (at 16 MHz)
63 dB (at 20 ?Hz)
60 dB (at 31.25 ?Hz)
55 dB (at 62...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-OE-OE-93B-100,0 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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