

INDUSTRIAL COMPONENT DATA

VS-MSDBPS-OE-93G-LI/5,0 1419141 PHOENIX CONTACT Bus system cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-MSDBPS-OE-93G-LI/5,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-MSDBPS-OE-93G-LI/5,0
Catalog number	1419141
Category	Circular connector, mounting (with cable)
Minimum order	1 Pcs
Document ID	EO-6E8CCADCF3
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Product Overview

Bus system cable

Conect. plug. to be apar. poster wall, EtherCAT® CAT5 (IEC11801:2002) (100 MBit/s), EtherCAT® CAT5 (100 MBit/s), 4-pole, PVC, green RAL 6018, shielded, Male connector, straight, M12-SPEEDCON, coding: D, at free cable end, Rear mounting, M16 x 1.5, Cable connection, cable length: 5 m, PROFINET flexible PVC CAT5, Alternative product according to RoHS II without exception 6c (Pb< 0.1%) item code: 1239232

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 > Field Device Connectors (FDC)
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Additional Product Information

Key Commercial Data

Orderkey 1419141

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 315 (PC-2011)

GTIN 4046356540650

Weight per Piece (excluding packing) 222.220 g

Custom tariff number 85444290

Country of origin DE (Germany)

Dimensions

Length of cable 5 m

Ambient conditions

Ambient temperature (operation) -20 °C ... 60 °C (cable, fixed installation)

Degree of protection IP65

IP67

General

Rated current at 40°C 4 A

Rated voltage 250 V

Rated surge voltage 2.5 kV

Number of positions 4

Insulation resistance $\geq 100 \text{ M}\Omega$

Coding D - data

Signal type/category EtherCAT®

Overvoltage category II

Degree of pollution 3

Insertion/withdrawal cycles ≥ 100

Torque 2 Nm ... 3 Nm (Installation-side)

Material

Flammability rating according to UL 94 V0

Contact material CuZn

Contact surface material Ni/Au

Contact carrier material PA 6.6

Sealing material FKM

Standards and Regulations

Flammability rating according to UL 94 V0

Cable

Cable type PROFINET PVC stranded CAT5

Cable type (abbreviation) 93B

Cable abbreviation 2YY(ST)CY

UL AWM style 21694

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 ± 0.1 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-MSDBPS-OE-93G-LI/5,0 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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