INDUSTRIAL COMPONENT DATA

VS-PNRJ45R-OE-93K/3,0 1405001 PHOENIX CONTACT Bus system cable VS-PNRJ45R-OE-93K/3,0 1405001

Brand: PHOENIX CONTACT | Manufacturer Part Number: VS-PNRJ45R-OE-93K/3,0



Manufacturer	PHOENIX CONTACT
MPN / Reference	VS-PNRJ45R-OE-93K/3,0
Catalog number	1405001
Category	Sensor-actuator patch cord
Minimum order	10 Pcs
Document ID	EO-8E15443810
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Product Overview

Bus system cable - VS-PNRJ45R-OE-93K/3,0 - 1405001
Sercos III patch cable, shielded, star quadrage, flexible AWG 22 (7 wires), RAL 3020 (traffic red), RJ45/IP20 male connector, angled, to open cable end, angled, length: 3 m
Sercos III patch cable, shielded, star quad, 22 AWG stranded (7-wire), RAL 3020 (traffic red), RJ45 plug/IP20 (angled) to open cable end (angled), length: 3 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 > Field Device Connectors (FDC)

Additional Product Information

Technical dataProduct propertiesProduct type Data cable preassembled
Sensor type Sercos
Number of positions 4
Shielded yes
Insulation characteristics
Degree of pollution 1
Electrical propertiesRated voltage (III/3) 72 V (DC)
Transmission medium Copper
Transmission speed 100 Mbps
Mechanical propertiesMechanical data
Insertion force per signal contact 30.00 N

Extraction force per signal contact 50 N
Material specificationsFlammability rating according to UL 94 V0
ConnectorConnection 2
Type free cable end
Cable/lineCable length 3.00 m
Sercos III [93K]
Dimensional drawing
Shielded yes
UL AWM Style 21694 (60 °C / 600 V)
Cable weight 68 kg/km
Cable type Sercos III
Cable type (abbreviation) 93K
Signal type/category Sercos CAT5 (IEC 11801), 100 Mbps
Cable structure 1x4xAWG22/7, SF/TQ
External cable diameter 6.50 mm ±0.2 mm
Outer sheath, material PVC
External sheath, color signal red RAL 3020
Thickness, outer sheath approx. 0.90 mm
Material, inner sheath PVC
Conductor material Tin-plated Cu litz wires
Conductor structure signal line 7x 0.25 mm
AWG signal line 22
Conductor cross section 4x 0.34 mm²
Material wire insulation PE
Wire diameter incl. insulation approx. 1.55 mm
Single wire, color white, yellow, blue, orange
Type of pair shielding Aluminum-lined polyester foil
Overall twist Star quad
Shielding Tinned copper braided shield
Nominal voltage, cable 600 V
Test voltage Core/Core 2000 V (50 Hz, 1 min.)
Test voltage Core/Shield 2000.00 V (50 Hz, 1 min.)
Cable resistance <= 120 ?/km
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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / VS-PNRJ45R-OE-93K/3,0 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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