

INDUSTRIAL COMPONENT DATA

NBC-100,0-93K 1093423 PHOENIX CONTACT Network cable, Sercos CAT5 (100 Mbps), 4-position, PVC/PVC, Red RAL 30..

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-100,0-93K



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-100,0-93K
Catalog number	1093423
Category	Data cable
Minimum order	1 Pcs
Document ID	EO-9B95ADC295
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Product Overview

Network cable, Sercos CAT5 (100 Mbps), 4-position, PVC/PVC, Red RAL 3020, shielded, cable length: 100 m

Network cable, Sercos CAT5 (100 MBit/s), 4-pole, shielded, 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)
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Additional Product Information

Key Commercial Data

Orderkey 1093423

Packing unit 1

GTIN 4055626912257

Custom tariff number 85444995

Drawings

General data

Environmental Product Compliance

Dimensions

Cable

Classifications

Drawings

Cable cross section

Sercos III [93K]

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Length of cable 100 m

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Number of positions 4

Signal type/category Sercos CAT5 (IEC 11801:2002), 100 Mbps

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Cable type Sercos III

Cable type (abbreviation) 93K

UL AWM style 21694 (60°C / 600 V)

Signal type/category Sercos 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 approx. 1.55 mm

Wire colors White, yellow, blue, orange

Type of pair shielding Aluminum-lined polyester foil

Overall twist Star quad

Shielding Tinned copper braided shield

External sheath, color signal red RAL 3020

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 68 kg/km

Outer sheath, material PVC

Material, inner sheath PVC

Material conductor insulation PE

Conductor material Tin-plated Cu litz wires

Insulation resistance $\geq 0.5 \text{ G} \cdot \text{km}$

Conductor resistance $\leq 120 \text{ } \Omega / \text{km}$

Wave impedance $100 \text{ } \Omega \pm 15 \text{ } \Omega$ (at 100 MHz)

Signal runtime 5.3 ns/m

Coupling resistance $\leq 20.00 \text{ m} \Omega / \text{m}$ (at 10 Hz)

Nominal voltage, cable 600 V

Test voltage Core/Core 2000 V (50 Hz,...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-100,0-93K 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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