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-6E7443BFAD
Generated	2026-11-19

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)

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]

Back to topDimensions
Length of cable 100 m
Back to topGeneral data
Number of positions 4
Signal type/category Sercos CAT5 (IEC 11801:2002), 100 Mbps
Back to topCable
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 >= 0.5 G?*km
Conductor resistance <= 120 ?/km
Wave impedance 100 ? ±15 ? (at 100 MHz)
Signal runtime 5.3 ns/m
Coupling resistance <= 20.00 m?/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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