INDUSTRIAL COMPONENT DATA

IBS RBC METER/E-T 2723149 PHOENIX CONTACT Remote bus cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: IBS RBC METER/E-T



Manufacturer	PHOENIX CONTACT
MPN / Reference	IBS RBC METER/E-T
Catalog number	2723149
Category	Data and communication cable
Minimum order	1 m.
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Product Overview

Remote bus cable
By meters, Remote bus cable, INTERBUS, shielded, PVC, black RAL 9005, 6-conductors (3 x 2 x 0.22 mm²), color single conductors: green-yellow, white-brown, gray-pink, for underground laying
By the meter, Remote bus cable, INTERBUS, shielded, PVC, black RAL 9005, 6-wire (3 x 2 x 0.22 mm2), color single wire: green-yellow, white-brown, gray-pink, for underground runs

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

Technical dataProduct propertiesProduct type Remote bus cable
Number of positions 6
Electrical propertiesTransmission medium Copper
Cable/lineNumber of positions 6
Shielded yes
Conductor structure 3 x 2 x 0.22 mm²
Signal speed 0.66 c
Conductor structure signal line 7x 0.20 mm
Conductor cross section 3x 2x 0.22 mm²
External cable diameter 9.00 mm
Outer sheath, material PVC

External sheath, color black RAL 9005
Conductor material Bare Cu litz wires
Material wire insulation PE
Single wire, color green-yellow, white-brown, gray-pink
Twisted pairs 2 cores to the pair
Overall twist 3 pairs to the core
Insulation resistance >= 5 G?*km
Coupling resistance < 250.00 m?/m (at 30 MHz)
Loop resistance <= 186.00 ?/km
Wave impedance 120 ? ±20 % (at 64 kHz)
100 ? ±15 % (with 1 MHz)
Cable capacity <= 60 nF/km (At 800 Hz)
Nominal voltage, cable 250 V (Peak value, not for high-power applications)
Test voltage Core/Core 1500 Vrms
Test voltage Core/Shield 1000.00 Vrms
Minimum bending radius, fixed installation 7.5 x D
Minimum bending radius, flexible installation 15 x D
Smallest bending radius, fixed installation 68 mm
Smallest bending radius, movable installation 135 mm
Near end crosstalk attenuation (NEXT) >= 61 dB (at 772 kHz)
>= 59 dB (with 1 MHz)
>= 55 dB (at 2 ?Hz)
>= 50 dB (at 4 ?Hz)
>= 46 dB (at 8 ?Hz)
>= 44 dB (at 10 MHz)
>= 41 dB (at 16 MHz)
>= 40 dB (at 20 ?Hz)
Shield attenuation <= 15 dB/km (at 256 kHz)
<= 24 dB/km (at 772 kHz)
<= 27 dB/km (with 1 MHz)
<= 52 dB/km (at 4 ?Hz)
<= 84 dB/km (at 10 MHz)....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IBS RBC METER/E-T 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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