

INDUSTRIAL COMPONENT DATA

IBS RBC METER/F-T 2723123 PHOENIX CONTACT Remote bus cable

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	IBS RBC METER/F-T
Catalog number	2723123
Category	Data and communication cable
Minimum order	1 m.
Document ID	EO-305AF3115A
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Product Overview

Remote bus cable

By meters, Remote bus cable, INTERBUS, shielded, halogen-free PUR, May green RAL 6017, 6-conductors (3 x 2 x 0.22 mm²), single conductor color: green-yellow, white-brown, gray-pink, flexible routing

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 2723123

Packing unit 1 M

Note Made to Order (non-returnable)

Catalog page Page 428 (C-2-2017)

GTIN 4017918132552

Weight per Piece (excluding packing) 70.680 g

Custom tariff number 85444993

Country of origin DE (Germany)

General data

Number of positions 6

Alternative short product description Remote bus cable

Cable

Cable type INTERBUS

Cable type (abbreviation) 900

Signal type/category INTERBUS

Cable structure 3 x 2 x 0.22 mm²

Conductor cross section 3x 2x 0.22 mm²

AWG signal line 24

Conductor structure signal line 32x 0.10 mm

Wire colors Green-yellow, white-brown, gray-pink

Twisted pairs 2 cores to the pair

Overall twist 3 pairs to the core

Shielding Braided copper wires

External sheath, color may green RAL 6017

External cable diameter D 8 mm

Minimum bending radius, fixed installation 7.5 x D

Minimum bending radius, flexible installation 15 x D

Number of bending cycles 5000000

Bending radius 120 mm

Traversing path 10 m

Traversing rate 1.6 m/s

Acceleration 3.2 m/s²

Cable weight 70 kg/km

Outer sheath, material PUR

Material conductor insulation PE

Conductor material Bare Cu litz wires

Insulation resistance $\geq 5 \text{ G}\Omega\cdot\text{km}$

Loop resistance $\leq 159.80 \text{ }\Omega/\text{km}$

Cable capacity $\leq 60 \text{ nF/km}$ (At 800 Hz)

Wave impedance $120 \text{ }\Omega \pm 20 \%$ (at 64 kHz)

$100 \text{ }\Omega \pm 15 \%$ (with 1 MHz)

Near end crosstalk attenuation (NEXT) $\geq 61 \text{ dB}$ (at 772 kHz)

$\geq 59 \text{ dB}$ (with 1 MHz)

$\geq 55 \text{ dB}$ (at 2 kHz)

$\geq 50 \text{ dB}$ (at 4 kHz)

$\geq 46 \text{ dB}$ (at 8 kHz)

$\geq 44 \text{ dB}$ (at 10 MHz)

$\geq 41 \text{ dB}$ (at 16 MHz)

$\geq 40 \text{ dB}$ (at 20 kHz)

Attenuation...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IBS RBC METER/F-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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