INDUSTRIAL COMPONENT DATA

CABLE-FLK50/OE/0,14/ 100 2305350 PHOENIX CONTACT Cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: CABLE-FLK50/OE/0,14/ 100



Manufacturer	PHOENIX CONTACT
MPN / Reference	CABLE-FLK50/OE/0,14/ 100
Catalog number	2305350
Category	PLC connection cable
Minimum order	1 Pcs
Document ID	EO-E8C2A8BC68
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Product Overview

Cable
Ready-made round cable; connection 1: Single conductors (50-poles) (Conductors are labeled and equipped with ferrules); Connection 2: Female IDC/FLK connection (1x 50-poles); Cable length: 1 m
Round cable set; connection 1: Single wires (50-position) (The wires are marked and fitted with ferrules); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 1 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 > INTERFACE Components (IF)

Additional Product Information

Technical dataProduct propertiesProduct type System cable
Data management status
Article revision 06
Environmental and real-life conditionsAmbient conditions
Degree of protection IP00
Degree of protection (Installation location) >= IP54 (Installation location)
Ambient temperature (operation) -40 °C ... 70 °C (fixed installation)
-10 °C ... 70 °C (flexible installation)
Ambient temperature (storage/transport) -40 °C ... 80 °C
Altitude <= 2000 m
Electrical propertiesOperating voltage (AC) <= 30 V AC

Operating voltage (DC) <= 60 V DC
Nominal operating mode 100% operating factor
Current (Per path, 50°C) <= 1 A (Uncoiled, see derating)
Current (Per path, 70°C) <= 0.6 A (Uncoiled, see derating)
Cable/lineCable length 1 m
50X0.14 [PVC]
UL AWM Style 2464/1061
Number of positions 50
Shielded no
Cable type 50X0.14 [PVC]
Conductor type Round cable set
Conductor structure signal line 7x 0.16 mm
AWG signal line 26
Conductor cross section 50x 0.14 mm²
Wire diameter incl. insulation 1 mm ±0.03 mm
External cable diameter 10.30 mm ±0.4 mm
Outer sheath, material Semi-rigid PVC
External sheath, color gray
Conductor material Tin-plated Cu litz wires
Cable resistance <= 145 ?/km (20 °C)
Insulation resistance >= 20 M?*km (20 °C)
Smallest bending radius, fixed installation 86 mm
Smallest bending radius, movable installation 161 mm
Dynamic load capacity (bending) Max. bending cycles: 5000 (at a radius of >= 15x outside diameter)
Halogen-free no
Flame resistance IEC 60332-1-2 (raw cable)
VDE 0842, Part 332-1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CABLE-FLK50/OE/0,14/ 100 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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