INDUSTRIAL COMPONENT DATA

CABLE-2FLK24/2FLK24/DV/10,0M/S 2906959 PHOENIX CONTACT Cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: CABLE-2FLK24/2FLK24/DV/10,0M/S



Manufacturer	PHOENIX CONTACT
MPN / Reference	CABLE-2FLK24/2FLK24/DV/10,0M/S
Catalog number	2906959
Category	PLC connection cable
Minimum order	1 Pcs
Document ID	EO-FA03F63391
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Product Overview

Cable
Shielded ready-made round cable; control: Emerson Delta V S-Series; Connection 1: Female IDC/FLK connection (2x 24-poles); Connection 2: Female IDC/FLK connection (2x 24-poles); Cable length: 10 m
Assembled shielded round cable; controller: Emerson Delta V S-Series; connection 1: IDC/FLK socket strip (2x 24-position); connection 2: IDC/FLK socket strip (2x 24-position); cable length: 10 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 02
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)
Supported controller EMERSON DeltaV
Suitable I/O card SE4053S2B11
SE4083S2B11
Cable/lineCable length 10 m
50X0.14 [PVC]
UL AWM Style 2464/1061
Number of positions 50
Shielded yes
Cable type 50X0.14 [PVC]
Conductor type Assembled shielded round cable
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 11.00 mm ±0.3 mm
Outer sheath, material Semi-rigid PVC
External sheath, color gray
Conductor material Tin-plated Cu litz wires
Cable resistance <= 145 ?/km (at 20 °C)
Insulation resistance >= 20 M?*km (20 °C)
Smallest bending radius, fixed installation 114 mm
Smallest bending radius, movable installation 205 mm
Dynamic load capacity (bending) Max. bending cycles: 5000 (at a radius of >= 18...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CABLE-2FLK24/2FLK24/DV/10,0M/S 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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