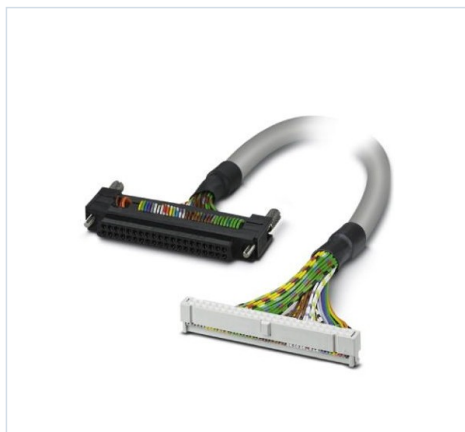


## INDUSTRIAL COMPONENT DATA

# CABLE-FCN40/1X50/ 3,0M/IM/MEL 2903471 PHOENIX CONTACT Cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: CABLE-FCN40/1X50/ 3,0M/IM/MEL



|                 |                               |
|-----------------|-------------------------------|
| Manufacturer    | PHOENIX CONTACT               |
| MPN / Reference | CABLE-FCN40/1X50/ 3,0M/IM/MEL |
| Catalog number  | 2903471                       |
| Category        | PLC connection cable          |
| Minimum order   | 1 Pcs                         |
| Document ID     | EO-4E8DB4C146                 |
| Generated       | 2026-08-05                    |

## Product Overview

### Cable

Ready-made round cable; Control: Mitsubishi Electric MELSEC L, MELSEC Q, Honeywell MasterLogic ML200; connection 1: Fujitsu plug-in connector (1x 40-pole); Connection 2: Female IDC/FLK connection (1x 50-poles); Cable length: 3 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 &gt; INTERFACE Components (IF)

## Additional Product Information

### Key Commercial Data

Orderkey 2903471

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 489 (C-5-2017)

GTIN 4046356743372

Weight per Piece (excluding packing) 333.330 g

Custom tariff number 85444290

Country of origin DE (Germany)

### General

Nominal voltage UN &lt; 50 V AC

60 V DC

Max. current carrying capacity per path 1 A

Max. total current of all branches 2 A  
Max. conductor resistance 0.16  $\Omega$ /m  
Length of cable 3 m  
Single wire, cross section 0.14 mm<sup>2</sup>  
Single wire, cross section [AWG] 26  
Conductor construction: Number of litz wires: 7  
Single wire, material Cu tin-plated  
External diameter 10 mm  
Shielding no  
Outer sheath, material PVC  
External sheath, color RAL7035  
Environmental conditions  
Ambient temperature (operation) -20 °C ... 50 °C  
Ambient temperature (storage/transport) -20 °C ... 70 °C  
Flame resistance IEC 60332-1  
DIN VDE 0482 Part 332-1  
Resistance to oil DIN VDE 0472 Part 803, test type B  
Gasoline resistance against occasional splashes  
Connector 1  
Connection name Field level  
Connection method IDC/FLK socket strip  
Number of connections 1  
Number of positions 50  
Pitch 2.54 mm  
Connector 2  
Connection name Controller level  
Connection method Fujitsu connector  
Number of connections 1  
Number of positions 40  
Supported controller  
Controller MITSUBISHI MELSEC Q  
- suitable I/O card QX41  
QX41-S1  
QX42  
QX42-S1  
QX71  
QX72  
QY41P  
QY42P  
QY71  
QH42P  
QY82P  
Controller MITSUBISHI MELSEC L  
- suitable I/O card LX41C4  
LX42C4  
LY41NT1P  
LY42NT1P

LY41PT1P

LY42PT1P

Controller Honeywell Ma...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / CABLE-FCN40/1X50/ 3,0M/IM/MEL with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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