



Automatización Eléctrica
Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#). [HERE](#)

Cable - CABLE-FCN40/1X50/10,0M/IM/MEL - 2903475

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Assembled round cable for connecting 32 channels in the Mitsubishi Melsec L and Melsec Q. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK strip, length 10 m



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 742696

Technical data

General

Nominal voltage U_N	< 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 Ω /m
Length of cable	10 m
Single wire, cross section	0.14 mm ²
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

Cable - CABLE-FCN40/1X50/10,0M/IM/MEL - 2903475

Technical data

Connector, module side

Connection method	IDC/FLK socket strip (2.54 mm)
Number of connections	1
Number of positions	50

Connector, controller side

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 MasterLogic 200
- suitable I/O card	2MLQ-TR4A
	2MLQ-TR8A
	2MLQ-TR4B
	2MLQ-TR8B

Standards and Regulations

Resistance to oil	DIN VDE 0472 Part 803, test type B
Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

Cable - CABLE-FCN40/1X50/10,0M/IM/MEL - 2903475

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 5.1	27061801
eCl@ss 6.0	27061801
eCl@ss 7.0	27061801
eCl@ss 8.0	27249205

ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 5.0	EC000237

UNSPSC

UNSPSC 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620
UNSPSC 13.2	26121620

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Drawings

Cable - CABLE-FCN40/1X50/10,0M/IM/MEL - 2903475

Connection diagram

Fujitsu FCN 40	FLK 50	Fujitsu FCN 40	FLK 50
PIN A1	PIN 11	PIN B16	PIN 7
PIN B1	PIN 1	PIN A17	PIN 30
PIN A2	PIN 48	PIN B17	PIN 6
PIN B2	PIN 38	PIN A18	PIN 29
PIN A3		PIN B18	PIN 5
PIN B3		PIN A19	PIN 28
PIN A4		PIN B19	PIN 4
PIN B4		PIN A20	PIN 27
PIN A5	PIN 46	PIN B20	PIN 3
PIN B5	PIN 22		PIN 2
PIN A6	PIN 45		PIN 13 <input type="checkbox"/>
PIN B6	PIN 21		PIN 12 <input type="checkbox"/>
PIN A7	PIN 44		PIN 23 <input type="checkbox"/>
PIN B7	PIN 20		PIN 14 <input type="checkbox"/>
PIN A8	PIN 43		PIN 25 <input type="checkbox"/>
PIN B8	PIN 19		PIN 24 <input type="checkbox"/>
PIN A9	PIN 42		PIN 35 <input type="checkbox"/>
PIN B9	PIN 18		PIN 26 <input type="checkbox"/>
PIN A10	PIN 41		PIN 37 <input type="checkbox"/>
PIN B10	PIN 17		PIN 36 <input type="checkbox"/>
PIN A11	PIN 40		PIN 47 <input type="checkbox"/>
PIN B11	PIN 16		
PIN A12	PIN 39		
PIN B12	PIN 15		
PIN A13	PIN 34		
PIN B13	PIN 10		
PIN A14	PIN 33		
PIN B14	PIN 9		
PIN A15	PIN 32		
PIN B15	PIN 8		
PIN A16	PIN 31		

Phoenix Contact 2016 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
 Flachsmarktstr. 8
 32825 Blomberg
 Germany
 Tel. +49 5235 300
 Fax +49 5235 3 41200
<http://www.phoenixcontact.com>



Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
Assembled round cable for connecting 32 channels in the Mitsubishi Melsec L and Melsec Q. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK strip, length 10 m	2903475	CABLE-FCN40/1X50/10,0M/IM/MEL	Buy on EAN