Cable - CABLE-FCN40/4X14/ 8,0M/IM/MEL - 2903508

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)

Round cable set for Mitsubishi Electric MELSEC L, MELSEC Q with 1 x Fujitsu connector (40-position) on 4 x IDC/FLK socket strip (14-position), Cable length: 8 m



RoHS

Key Commercial Data

Packing unit	1 STK
Custom tariff number	85444290
Country of origin	Germany

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	8 m
Single wire, cross section	0.14 mm²
Single wire, cross section [AWG]	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
Shielding	no
Outer sheath, material	PVC
External sheath, color	RAL7035

Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C

Cable - CABLE-FCN40/4X14/ 8,0M/IM/MEL - 2903508

Technical data

Environmental conditions

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, module side

Connection name	Field level
Connection method	IDC/FLK socket strip
Number of connections	4
Number of positions	14
Pitch	2.54 mm

Connector, controller side

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
	QY41P
	QY42P
	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

Cable - CABLE-FCN40/4X14/ 8,0M/IM/MEL - 2903508

Technical data

Supported controller

	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

Color code

Connector 1 = connector 2 (optional) = wire color	Fujitsu40 (B20) = IDC/FLK14-1 (1) = black
	Fujitsu40 (B19) = IDC/FLK14-1 (2) = brown
	Fujitsu40 (B18) = IDC/FLK14-1 (3) = red
	Fujitsu40 (B17) = IDC/FLK14-1 (4) = orange
	Fujitsu40 (B16) = IDC/FLK14-1 (5) = yellow
	Fujitsu40 (B15) = IDC/FLK14-1 (6) = green
	Fujitsu40 (B14) = IDC/FLK14-1 (7) = blue
	Fujitsu40 (B13) = IDC/FLK14-1 (8) = violet
	Fujitsu40 (B1) = IDC/FLK14-1 (9) = gray
	Fujitsu40 (A1) = IDC/FLK14-1 (10) = white
	Fujitsu40 (B12) = IDC/FLK14-2 (1) = black
	Fujitsu40 (B11) = IDC/FLK14-2 (2) = brown
	Fujitsu40 (B10) = IDC/FLK14-2 (3) = red
	Fujitsu40 (B9) = IDC/FLK14-2 (4) = orange
	Fujitsu40 (B8) = IDC/FLK14-2 (5) = yellow
	Fujitsu40 (B7) = IDC/FLK14-2 (6) = green
	Fujitsu40 (B6) = IDC/FLK14-2 (7) = blue
	Fujitsu40 (B5) = IDC/FLK14-2 (8) = violet
	Fujitsu40 (B1) = IDC/FLK14-2 (9) = gray
	Fujitsu40 (A1) = IDC/FLK14-2 (10) = white
	Fujitsu40 (A20) = IDC/FLK14-3 (1) = black
	Fujitsu40 (A19) = IDC/FLK14-3 (2) = brown
	Fujitsu40 (A18) = IDC/FLK14-3 (3) = red
	Fujitsu40 (A17) = IDC/FLK14-3 (4) = orange
	Fujitsu40 (A16) = IDC/FLK14-3 (5) = yellow
	Fujitsu40 (A15) = IDC/FLK14-3 (6) = green
	Fujitsu40 (A14) = IDC/FLK14-3 (7) = blue
	Fujitsu40 (A13) = IDC/FLK14-3 (8) = violet
	Fujitsu40 (B2) = IDC/FLK14-3 (9) = gray

Cable - CABLE-FCN40/4X14/ 8,0M/IM/MEL - 2903508

Technical data

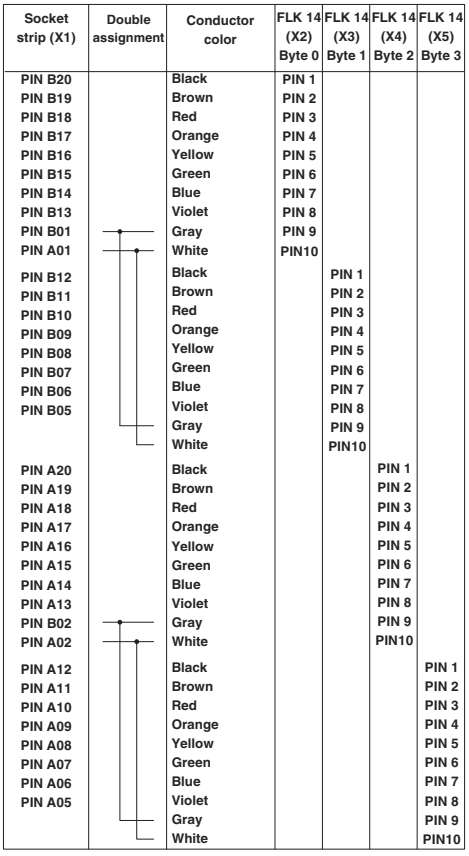
Color code

	Fujitsu40 (A2) = IDC/FLK14-3 (10) = white
	Fujitsu40 (A12) = IDC/FLK14-4 (1) = black
	Fujitsu40 (A11) = IDC/FLK14-4 (2) = brown
	Fujitsu40 (A10) = IDC/FLK14-4 (3) = red
	Fujitsu40 (A9) = IDC/FLK14-4 (4) = orange
	Fujitsu40 (A8) = IDC/FLK14-4 (5) = yellow
	Fujitsu40 (A7) = IDC/FLK14-4 (6) = green
	Fujitsu40 (A6) = IDC/FLK14-4 (7) = blue
	Fujitsu40 (A5) = IDC/FLK14-4 (8) = violet
	Fujitsu40 (B2) = IDC/FLK14-4 (9) = gray
	Fujitsu40 (A2) = IDC/FLK14-4 (10) = white

Drawings

Cable - CABLE-FCN40/4X14/ 8,0M/IM/MEL - 2903508

Connection diagram



Socket strip (X1)	Double assignment	Conductor color	FLK 14 (X2) Byte 0	FLK 14 (X3) Byte 1	FLK 14 (X4) Byte 2	FLK 14 (X5) Byte 3
PIN B20		Black	PIN 1			
PIN B19		Brown	PIN 2			
PIN B18		Red	PIN 3			
PIN B17		Orange	PIN 4			
PIN B16		Yellow	PIN 5			
PIN B15		Green	PIN 6			
PIN B14		Blue	PIN 7			
PIN B13		Violet	PIN 8			
PIN B01		Gray	PIN 9			
PIN A01		White	PIN10			
PIN B12		Black		PIN 1		
PIN B11		Brown		PIN 2		
PIN B10		Red		PIN 3		
PIN B09		Orange		PIN 4		
PIN B08		Yellow		PIN 5		
PIN B07		Green		PIN 6		
PIN B06		Blue		PIN 7		
PIN B05		Violet		PIN 8		
		Gray		PIN 9		
		White		PIN10		
PIN A20		Black			PIN 1	
PIN A19		Brown			PIN 2	
PIN A18		Red			PIN 3	
PIN A17		Orange			PIN 4	
PIN A16		Yellow			PIN 5	
PIN A15		Green			PIN 6	
PIN A14		Blue			PIN 7	
PIN A13		Violet			PIN 8	
PIN B02		Gray			PIN 9	
PIN A02		White			PIN10	
PIN A12		Black				PIN 1
PIN A11		Brown				PIN 2
PIN A10		Red				PIN 3
PIN A09		Orange				PIN 4
PIN A08		Yellow				PIN 5
PIN A07		Green				PIN 6
PIN A06		Blue				PIN 7
PIN A05		Violet				PIN 8
		Gray				PIN 9
		White				PIN10

Classifications

eCl@ss

eCl@ss 4.0	27060306
eCl@ss 4.1	27060306
eCl@ss 5.0	27061801
eCl@ss 6.0	27249205
eCl@ss 7.0	27249205
eCl@ss 8.0	27249205
eCl@ss 9.0	27242220

ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237

Cable - CABLE-FCN40/4X14/ 8,0M/IM/MEL - 2903508

Classifications

ETIM

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 / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

EAC RU C-DE.A*30.B00767

UL Listed http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 238705

cUL Listed http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm FILE E 238705

cULus Listed

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