

CABLE-FCN40/4X14/.../IM/MEL

System cable



Data sheet
105346_en_01

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1 Description

Assembled round cable for connecting 4 x 8 channels of the PLCs listed below. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK socket strips. It is available in various lengths of 0.5 m ... 10 m.

Scope of use

You can connect the following I/O cards:

PLC	I/O card
Mitsubishi Melsec L	LX41C4 and LX42C4 (common plus terminal B01, B02) LY41NT1P, LY42NT1P, LY41PT1P, LY42PT1P
Mitsubishi Melsec Q	QX41, QX41-S1, QX42, QX42-S1 QY41P (24 V), QY42P (24 V), QH42P (24 V)
Honeywell ML 200	2MLQ-TR4A, 2MLQ-TR8A, 2MLQ-TR4B (24 V), 2MLQ-TR8B (24 V)



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This data sheet is valid for all products listed on the following page:

2 Ordering data

Description	Type	Order No.	Pcs. / Pkt.
Assembled round cable for connecting 4 x 8 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK socket strips, length: 0.5 m.	CABLE-FCN40/4X14/ 0,5M/IM/MEL	2903502	1
Assembled round cable for connecting 4 x 8 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK socket strips, length: 1 m	CABLE-FCN40/4X14/ 1,0M/IM/MEL	2903503	1
Assembled round cable for connecting 4 x 8 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK socket strips, length: 2 m	CABLE-FCN40/4X14/ 2,0M/IM/MEL	2903504	1
Assembled round cable for connecting 4 x 8 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK socket strips, length: 3 m	CABLE-FCN40/4X14/ 3,0M/IM/MEL	2903505	1
Assembled round cable for connecting 4 x 8 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK socket strips, length: 4 m	CABLE-FCN40/4X14/ 4,0M/IM/MEL	2903506	1
Assembled round cable for connecting 4 x 8 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK socket strips, length: 6 m	CABLE-FCN40/4X14/ 6,0M/IM/MEL	2903507	1
Assembled round cable for connecting 4 x 8 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK socket strips, length: 8 m	CABLE-FCN40/4X14/ 8,0M/IM/MEL	2903508	1
Assembled round cable for connecting 4 x 8 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK socket strips, length: 10 m	CABLE-FCN40/4X14/10,0M/IM/MEL	2903509	1

3 Technical data

Supply	
Nominal voltage	< 50 V AC / 60 V DC
Max. current per branch	1 A
Max. total current	2 A
General data	
Ambient temperature (operation)	-20 °C ... 50 °C
Standards/regulations	DIN EN 60352-4 DIN EN 60603-1
Max. conductor resistance	0.16 Ω / m
Connection data	
Connection	4 x 14-pos. IDC/FLK socket strip (2.54 mm) (module side) 40-pos. Fujitsu plug connector (controller side)
Conductor cross section solid / stranded / AWG	10 x 0.14 mm ² / 10 x 0.14 mm ² / 26

4 Connections

Socket strip (X1)	Bridges	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		grey	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		
		grey		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		grey			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
		grey				PIN 9
		white				PIN10