

CABLE-FCN40/1X50/.../IM/MEL

System cable



Data sheet
105344_en_01

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1 Description

Assembled round cable for connecting 32 channels of the PLCs listed below. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK socket strip. 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 und LX42C4 (common plus terminal B01, B02) LY41NT1P, LY42NT1P, LY41PT1P, LY42PT1P
Mitsubishi Melsec Q	QX41, QX41-S1, QX42, QX42-S1 QX71 and QX72 (common plus terminal B01, B02) QY41P, QY42P, QY71, QH42P
Honeywell ML 200	2MLQ-TR4A, 2MLQ-TR8A, 2MLQ-TR4B, 2MLQ-TR8B



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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 32 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK socket strip, length 0.5 m	CABLE-FCN40/1X50/ 0,5M/IM/MEL	2903468	1
Assembled round cable for connecting 32 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK socket strip, length 1 m	CABLE-FCN40/1X50/ 1,0M/IM/MEL	2903469	1
Assembled round cable for connecting 32 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK socket strip, length 2 m	CABLE-FCN40/1X50/ 2,0M/IM/MEL	2903470	1
Assembled round cable for connecting 32 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK socket strip, length 3 m	CABLE-FCN40/1X50/ 3,0M/IM/MEL	2903471	1
Assembled round cable for connecting 32 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK socket strip, length 4 m	CABLE-FCN40/1X50/ 4,0M/IM/MEL	2903472	1
Assembled round cable for connecting 32 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK socket strip, length 6 m	CABLE-FCN40/1X50/ 6,0M/IM/MEL	2903473	1
Assembled round cable for connecting 32 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK socket strip, length 8 m	CABLE-FCN40/1X50/ 8,0M/IM/MEL	2903474	1
Assembled round cable for connecting 32 channels in the Mitsubishi Melsec L and Melsec Q PLC. The system cable has one 40-pos. Fujitsu strip and one 50-pos. FLK socket strip, length 10 m	CABLE-FCN40/1X50/10,0M/IM/MEL	2903475	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	50-pos. IDC/FLK socket strip (2.54 mm) (module side) 40-pos. Fujitsu plug connector (controller side)
Conductor cross section solid / stranded / AWG	40 x 0.14 mm ² / 40 x 0.14 mm ² / 26

4 Connections

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		