

Cable - CABLE-FCN40/1X50/ 6,0M/IP/MEL - 2903481

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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 6 m



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 742900
Weight per Piece (excluding packing)	333.33 g
Custom tariff number	85444290
Country of origin	Germany
Note	Made to Order (non-returnable)

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	6 m
Single wire, cross section	0.14 mm ²
AWG	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
External diameter	8.7 mm
Shielding	no
Standards/specifications	DIN EN 60352-4 DIN EN 60603-1
Outer sheath, material	PVC
External sheath, color	RAL7035

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Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Flame resistance	IEC 60332-1
Resistance to oil	DIN VDE 0472 Part 803, test type B
Gasoline resistance	Against occasional splashes

Connector, module side

Number of positions	50
Connectors	IDC/FLK socket strip (2.54 mm)
Number of plugs	1

Connector, controller side

Number of positions	40
Connectors	Fujitsu connector
Number of plugs	1

Supported controller

Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QX71
	QX72
	QX82
	QX82-S1
Controller	MITSUBISHI MELSEC L
- suitable I/O card	LX41C4
	LX42C4
Controller	HONEYWELL MasterLogic 200
- suitable I/O card	2MLI-D24A
	2MLI-D28B
	2MLF-SOEA

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

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Classifications

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

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Connection diagram

Fujitsu FCN 40	FLK 50	Fujitsu FCN 40	FLK 50
PIN A1		PIN B16	PIN 7
PIN B1	PIN 11	PIN A17	PIN 30
PIN A2		PIN B17	PIN 6
PIN B2	PIN 48	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 12 ☐
PIN A6	PIN 45		PIN 23 ☐
PIN B6	PIN 21		PIN 24 ☐
PIN A7	PIN 44		PIN 35 ☐
PIN B7	PIN 20		PIN 36 ☐
PIN A8	PIN 43		PIN 47 ☐
PIN B8	PIN 19		
PIN A9	PIN 42		
PIN B9	PIN 18		
PIN A10	PIN 41		
PIN B10	PIN 17		
PIN A11	PIN 40		
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		