Cable - CABLE-FCN40/1X50/ 1,0M/IM/MEL - 2903469

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Round cable set for Mitsubishi Electric MELSEC L, MELSEC Q with 1 x Fujitsu connector (40-position) on 1 x IDC/FLK socket strip (50-position), Cable length: 1 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	1 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
External diameter	10 mm
Shielding	no
Outer sheath, material	PVC
External sheath, color	RAL7035

Environmental conditions

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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
	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	1
Number of positions	50
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
	QX71
	QX72
	QY41P
	QY42P
	QY71
	QH42P
	QY82P
Controller	MITSUBISHI MELSEC L
- suitable I/O card	LX41C4
	LX42C4
	LY41NT1P
	LY42NT1P
	LY41PT1P

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Technical data

Supported controller

	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

Color code

Connector 1 = connector 2 (optional) = wire color	Fujitsu40 (A1) = IDC/FLK50 (11) = black
	Fujitsu40 (B1) = IDC/FLK50 (1) = brown
	Fujitsu40 (A2) = IDC/FLK50 (48) = red
	Fujitsu40 (B2) = IDC/FLK50 (38) = orange
	Fujitsu40 (A5) = IDC/FLK50 (46) = yellow
	Fujitsu40 (B5) = IDC/FLK50 (22) = green
	Fujitsu40 (A6) = IDC/FLK50 (45) = blue
	Fujitsu40 (B6) = IDC/FLK50 (21) = violet
	Fujitsu40 (A7) = IDC/FLK50 (44) = gray
	Fujitsu40 (B7) = IDC/FLK50 (20) = white
	Fujitsu40 (A8) = IDC/FLK50 (43) = white-black
	Fujitsu40 (B8) = IDC/FLK50 (19) = white-brown
	Fujitsu40 (A9) = IDC/FLK50 (42) = white-red
	Fujitsu40 (B9) = IDC/FLK50 (18) = white-orange
	Fujitsu40 (A10) = IDC/FLK50 (41) = white-yellow
	Fujitsu40 (B10) = IDC/FLK50 (17) = white-green
	Fujitsu40 (A11) = IDC/FLK50 (40) = white-blue
	Fujitsu40 (B11) = IDC/FLK50 (16) = white-violet
	Fujitsu40 (A12) = IDC/FLK50 (39) = white-gray
	Fujitsu40 (B12) = IDC/FLK50 (15) = brown-black
	Fujitsu40 (A13) = IDC/FLK50 (34) = brown-red
	Fujitsu40 (B13) = IDC/FLK50 (10) = brown-orange
	Fujitsu40 (A14) = IDC/FLK50 (33) = brown-yellow
	Fujitsu40 (B14) = IDC/FLK50 (9) = brown-green
	Fujitsu40 (A15) = IDC/FLK50 (32) = brown-blue

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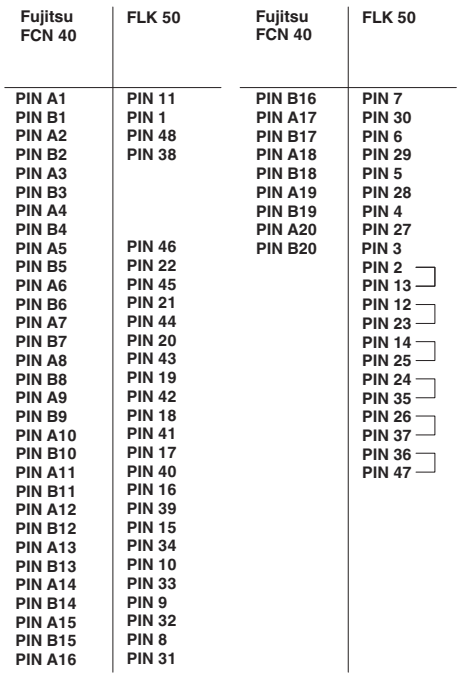
Technical data

Color code

	Fujitsu40 (B15) = IDC/FLK50 (8) = brown-violet
	Fujitsu40 (A16) = IDC/FLK50 (31) = brown-gray
	Fujitsu40 (B16) = IDC/FLK50 (7) = brown-white
	Fujitsu40 (A17) = IDC/FLK50 (30) = green-black
	Fujitsu40 (B17) = IDC/FLK50 (6) = green-brown
	Fujitsu40 (A18) = IDC/FLK50 (29) = green-red
	Fujitsu40 (B18) = IDC/FLK50 (5) = green-orange
	Fujitsu40 (A19) = IDC/FLK50 (28) = green-blue
	Fujitsu40 (B19) = IDC/FLK50 (4) = green-violet
	Fujitsu40 (A20) = IDC/FLK50 (27) = green-gray
	Fujitsu40 (B20) = IDC/FLK50 (3) = green-white

Drawings

Connection diagram



Classifications

eCl@ss

eCl@ss 4.0	27060306

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Classifications

eCl@ss

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
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

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cULus Listed

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