PHŒNIX CONTACT

Cable - FLK 50/EZ-DR/D37SUB/100/X81-I - 2302654

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Round cable set for Mitsubishi Electric MELSEC Q X81, MELSEC A1S X81, MELSEC A AX82 with 1 x D-SUB socket strip (37-position) on 1 x IDC/FLK socket strip (50-position), Cable length: 1 m

RoHS

Key Commercial Data

Packing unit	1 STK
Weight per Piece (excluding packing)	280.000 g
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. 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	10.5 mm
Shielding	no

Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

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Environmental conditions

Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

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	D-SUB socket strip
Number of connections	1
Number of positions	37

Supported controller

Controller	MITSUBISHI MELSEC Q
- suitable I/O card	QX81

Standards and Regulations

Connection in acc. with standard	CUL
Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

Color code

Connector 1 = connector 2 (optional) = wire color	D-SUB37 (1) = IDC/FLK50 (3) = black
	D-SUB37 (20) = IDC/FLK50 (4) = brown
	D-SUB37 (2) = IDC/FLK50 (5) = red
	D-SUB37 (21) = IDC/FLK50 (6) = orange
	D-SUB37 (3) = IDC/FLK50 (7) = yellow
	D-SUB37 (22) = IDC/FLK50 (8) = green
	D-SUB37 (4) = IDC/FLK50 (9) = blue
	D-SUB37 (23) = IDC/FLK50 (10) = violet
	D-SUB37 (17) = IDC/FLK50 (11) = gray
	D-SUB37 (18) = IDC/FLK50 (12) = white
	D-SUB37 (5) = IDC/FLK50 (15) = white-black
	D-SUB37 (24) = IDC/FLK50 (16) = white-brown
	D-SUB37 (6) = IDC/FLK50 (17) = white-red
	D-SUB37 (25) = IDC/FLK50 (18) = white-orange

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Technical data

Color code

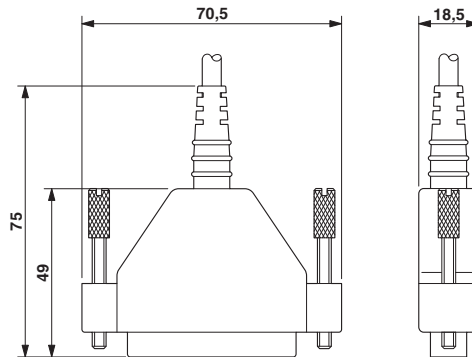|	D-SUB37 (7) = IDC/FLK50 (19) = white-yellow
	D-SUB37 (26) = IDC/FLK50 (20) = white-green
	D-SUB37 (8) = IDC/FLK50 (21) = white-blue
	D-SUB37 (27) = IDC/FLK50 (22) = white-violet
	D-SUB37 (17) = IDC/FLK50 (23) = white-gray
	D-SUB37 (18) = IDC/FLK50 (24) = brown-black
	D-SUB37 (9) = IDC/FLK50 (27) = brown-red
	D-SUB37 (28) = IDC/FLK50 (28) = brown-orange
	D-SUB37 (10) = IDC/FLK50 (29) = brown-yellow
	D-SUB37 (29) = IDC/FLK50 (30) = brown-green
	D-SUB37 (11) = IDC/FLK50 (31) = brown-blue
	D-SUB37 (30) = IDC/FLK50 (32) = brown-violet
	D-SUB37 (12) = IDC/FLK50 (33) = brown-gray
	D-SUB37 (31) = IDC/FLK50 (34) = brown-white
	D-SUB37 (17) = IDC/FLK50 (35) = green-black
	D-SUB37 (18) = IDC/FLK50 (36) = green-brown
	D-SUB37 (13) = IDC/FLK50 (39) = green-red
	D-SUB37 (32) = IDC/FLK50 (40) = green-orange
	D-SUB37 (14) = IDC/FLK50 (41) = green-blue
	D-SUB37 (33) = IDC/FLK50 (42) = green-violet
	D-SUB37 (15) = IDC/FLK50 (43) = green-gray
	D-SUB37 (34) = IDC/FLK50 (44) = green-white
	D-SUB37 (16) = IDC/FLK50 (45) = yellow-black
	D-SUB37 (35) = IDC/FLK50 (46) = yellow-brown
	D-SUB37 (36) = IDC/FLK50 (47) = yellow-red
	D-SUB37 (36) = IDC/FLK50 (48) = yellow-orange

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

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Dimensional drawing

Approvals

Approvals

Approvals
UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approval details

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

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

EAC   RU C-DE.A*30.B00767

cULus Recognized http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm