

Cable - CABLE-D37-M2,5/4X14/100/Y81P-O - 2302489

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Round cable set; controller: Mitsubishi Electric MELSEC Q (Y81P), MELSEC A1S (Y81), MELSEC A (AY82EP); connection 1: D-SUB socket strip (1x 37-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 1 m

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 906764
GTIN	4017918906764
Weight per Piece (excluding packing)	360.000 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 mm ²
Single wire, cross section [AWG]	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
External diameter	6.3 mm
Shielding	no

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Technical data

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

Connector 1

Connection name	Field level
Connection method	IDC/FLK socket strip
Number of connections	4
Number of positions	14
Pitch	2.54 mm

Connector 2

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	QY81P

Standards and Regulations

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

Color code

Connector 1 = connector 2 (optional) = wire color	D-SUB37 (1) = IDC/FLK14-1 (1) = black
	D-SUB37 (20) = IDC/FLK14-1 (2) = brown
	D-SUB37 (2) = IDC/FLK14-1 (3) = red
	D-SUB37 (21) = IDC/FLK14-1 (4) = orange
	D-SUB37 (3) = IDC/FLK14-1 (5) = yellow
	D-SUB37 (22) = IDC/FLK14-1 (6) = green
	D-SUB37 (4) = IDC/FLK14-1 (7) = blue
	D-SUB37 (23) = IDC/FLK14-1 (8) = violet
	D-SUB37 (17) = IDC/FLK14-1 (9) = gray
	D-SUB37 (19) = IDC/FLK14-1 (10) = white
	D-SUB37 (18) = IDC/FLK14-1 (11) = white-black
	D-SUB37 (36) = IDC/FLK14-1 (13) = white-brown

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Technical data

Color code

	D-SUB37 (5) = IDC/FLK14-2 (1) = black
	D-SUB37 (24) = IDC/FLK14-2 (2) = brown
	D-SUB37 (6) = IDC/FLK14-2 (3) = red
	D-SUB37 (25) = IDC/FLK14-2 (4) = orange
	D-SUB37 (7) = IDC/FLK14-2 (5) = yellow
	D-SUB37 (26) = IDC/FLK14-2 (6) = green
	D-SUB37 (8) = IDC/FLK14-2 (7) = blue
	D-SUB37 (27) = IDC/FLK14-2 (8) = violet
	D-SUB37 (17) = IDC/FLK14-2 (9) = gray
	D-SUB37 (19) = IDC/FLK14-2 (10) = white
	D-SUB37 (18) = IDC/FLK14-2 (11) = white-black
	D-SUB37 (36) = IDC/FLK14-2 (13) = white-brown
	D-SUB37 (9) = IDC/FLK14-3 (1) = black
	D-SUB37 (28) = IDC/FLK14-3 (2) = brown
	D-SUB37 (10) = IDC/FLK14-3 (3) = red
	D-SUB37 (29) = IDC/FLK14-3 (4) = orange
	D-SUB37 (11) = IDC/FLK14-3 (5) = yellow
	D-SUB37 (30) = IDC/FLK14-3 (6) = green
	D-SUB37 (12) = IDC/FLK14-3 (7) = blue
	D-SUB37 (31) = IDC/FLK14-3 (8) = violet
	D-SUB37 (17) = IDC/FLK14-3 (9) = gray
	D-SUB37 (37) = IDC/FLK14-3 (10) = white
	D-SUB37 (18) = IDC/FLK14-3 (11) = white-black
	D-SUB37 (36) = IDC/FLK14-3 (13) = white-brown
	D-SUB37 (13) = IDC/FLK14-4 (1) = black
	D-SUB37 (32) = IDC/FLK14-4 (2) = brown
	D-SUB37 (14) = IDC/FLK14-4 (3) = red
	D-SUB37 (33) = IDC/FLK14-4 (4) = orange
	D-SUB37 (15) = IDC/FLK14-4 (5) = yellow
	D-SUB37 (34) = IDC/FLK14-4 (6) = green
	D-SUB37 (16) = IDC/FLK14-4 (7) = blue
	D-SUB37 (35) = IDC/FLK14-4 (8) = violet
	D-SUB37 (17) = IDC/FLK14-4 (9) = gray
	D-SUB37 (37) = IDC/FLK14-4 (10) = white
	D-SUB37 (18) = IDC/FLK14-4 (11) = white-black
	D-SUB37 (36) = IDC/FLK14-4 (13) = white-brown

Environmental Product Compliance

Cable - CABLE-D37-M2,5/4X14/100/Y81P-O - 2302489

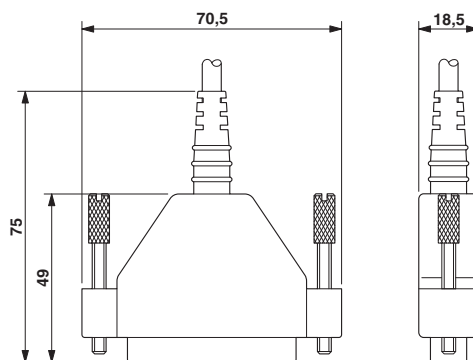
Technical data

Environmental Product Compliance

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

Drawings

Dimensional drawing



Classifications

eCl@ss

eCl@ss 5.1	27249205
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
ETIM 6.0	EC000237

UNSPSC

UNSPSC 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620

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Classifications

UNSPSC

UNSPSC 13.2	26121620
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Approvals

Approvals

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EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B00767
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UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal current IN	1 A		
Nominal voltage UN	125 V		

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
Nominal current IN	1 A		
Nominal voltage UN	125 V		

cULus Listed	
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Accessories

Accessories

Marker carrier cable

Cable marker carrier - KME - 0807083



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable binders, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm