

Cable - CABLE-FCN40/4X14/200/OMR-OUT - 2304199

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Round cable set; controller: OMRON CJ1 (OD 231, OD 261), CQM1 (OD 213, OD 112), CS1, C200H (OD 218, OD 219); connection 1: Fujitsu connector (1x 40-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 2 m

Why buy this product

- Splitting 32 channels into 4 x 8 channels

Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 929817
GTIN	4017918929817

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	2 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

Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

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Technical data

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	Fujitsu connector
Number of connections	1
Number of positions	40

Supported controller

Controller	OMRON CQM1
- suitable I/O card	OD213
Controller	OMRON CS1/C200H
- suitable I/O card	OD218
	OD219
Controller	OMRON C200H
- suitable I/O card	OD218
	OD219
Controller	OMRON CJ1
- suitable I/O card	OD231
	OD261

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	Fujitsu40 (A1) = IDC/FLK14-1 (1) = black
	Fujitsu40 (A2) = IDC/FLK14-1 (2) = brown
	Fujitsu40 (A3) = IDC/FLK14-1 (3) = red
	Fujitsu40 (A4) = IDC/FLK14-1 (4) = orange
	Fujitsu40 (A5) = IDC/FLK14-1 (5) = yellow
	Fujitsu40 (A6) = IDC/FLK14-1 (6) = green
	Fujitsu40 (A7/14) = IDC/FLK14-1 (7) = blue
	Fujitsu40 (A8) = IDC/FLK14-1 (8) = violet
	Fujitsu40 (A10) = IDC/FLK14-1 (9) = gray
	Fujitsu40 (A9) = IDC/FLK14-1 (10) = white
	Fujitsu40 (A11) = IDC/FLK14-2 (1) = black
	Fujitsu40 (A12) = IDC/FLK14-2 (2) = brown

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Technical data

Color code

	Fujitsu40 (A13) = IDC/FLK14-2 (3) = red
	Fujitsu40 (A14) = IDC/FLK14-2 (4) = orange
	Fujitsu40 (A15) = IDC/FLK14-2 (5) = yellow
	Fujitsu40 (A16) = IDC/FLK14-2 (6) = green
	Fujitsu40 (A17) = IDC/FLK14-2 (7) = blue
	Fujitsu40 (A18) = IDC/FLK14-2 (8) = violet
	Fujitsu40 (A20) = IDC/FLK14-2 (9) = gray
	Fujitsu40 (A19) = IDC/FLK14-2 (10) = white
	Fujitsu40 (B1) = IDC/FLK14-3 (1) = black
	Fujitsu40 (B2) = IDC/FLK14-3 (2) = brown
	Fujitsu40 (B3) = IDC/FLK14-3 (3) = red
	Fujitsu40 (B4) = IDC/FLK14-3 (4) = orange
	Fujitsu40 (B5) = IDC/FLK14-3 (5) = yellow
	Fujitsu40 (B6) = IDC/FLK14-3 (6) = green
	Fujitsu40 (B7) = IDC/FLK14-3 (7) = blue
	Fujitsu40 (B8) = IDC/FLK14-3 (8) = violet
	Fujitsu40 (B10) = IDC/FLK14-3 (9) = gray
	Fujitsu40 (B9) = IDC/FLK14-3 (10) = white
	Fujitsu40 (B11) = IDC/FLK14-4 (1) = black
	Fujitsu40 (B12) = IDC/FLK14-4 (2) = brown
	Fujitsu40 (B13) = IDC/FLK14-4 (3) = red
	Fujitsu40 (B14) = IDC/FLK14-4 (4) = orange
	Fujitsu40 (B15) = IDC/FLK14-4 (5) = yellow
	Fujitsu40 (B16) = IDC/FLK14-4 (6) = green
	Fujitsu40 (B17) = IDC/FLK14-4 (7) = blue
	Fujitsu40 (B18) = IDC/FLK14-4 (8) = violet
	Fujitsu40 (B20) = IDC/FLK14-4 (9) = gray
	Fujitsu40 (B19) = IDC/FLK14-4 (10) = white

Environmental Product Compliance

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

Approvals

Approvals

Approvals

EAC / UL Listed / cUL Listed / cULus Listed

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Approvals

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 voltage UN		125 V	
Nominal current IN		1 A	

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

cULus Listed	
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