

Cable - FLK 40/4X14/EZ-DR/ 50/OB32 - 2296786

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Round cable set; controller: Allen-Bradley SLC 500 (OB 32); connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 0.5 m

Why buy this product

- System cable can be used to split 32 channels into 4 x 8 channels

Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 612870
GTIN	4017918612870

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	0.5 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	7.8 mm
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
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 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	IDC/FLK socket strip
Number of connections	1
Number of positions	40
Channels which can be connected	32
Pitch	2.54 mm

Supported controller

Controller	ALLEN-BRADLEY SLC 500
- suitable I/O card	1746 OB 32
	1746 OV 32

Standards and Regulations

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

Color code

Connector 1 = connector 2 (optional) = wire color	IDC/FLK40 (5) = IDC/FLK14-1 (1) = black
	IDC/FLK40 (7) = IDC/FLK14-1 (2) = brown
	IDC/FLK40 (9) = IDC/FLK14-1 (3) = red
	IDC/FLK40 (11) = IDC/FLK14-1 (4) = orange
	IDC/FLK40 (13) = IDC/FLK14-1 (5) = yellow
	IDC/FLK40 (15) = IDC/FLK14-1 (6) = green
	IDC/FLK40 (17) = IDC/FLK14-1 (7) = blue
	IDC/FLK40 (19) = IDC/FLK14-1 (8) = violet
	IDC/FLK40 (1) = IDC/FLK14-1 (9) = gray
	IDC/FLK40 (37) = IDC/FLK14-1 (10) = white
	IDC/FLK40 (21) = IDC/FLK14-2 (1) = black
	IDC/FLK40 (23) = IDC/FLK14-2 (2) = brown
	IDC/FLK40 (25) = IDC/FLK14-2 (3) = red
	IDC/FLK40 (27) = IDC/FLK14-2 (4) = orange
	IDC/FLK40 (29) = IDC/FLK14-2 (5) = yellow

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Color code

	IDC/FLK40 (31) = IDC/FLK14-2 (6) = green
	IDC/FLK40 (33) = IDC/FLK14-2 (7) = blue
	IDC/FLK40 (35) = IDC/FLK14-2 (8) = violet
	IDC/FLK40 (3) = IDC/FLK14-2 (9) = gray
	IDC/FLK40 (39) = IDC/FLK14-2 (10) = white
	IDC/FLK40 (6) = IDC/FLK14-3 (1) = black
	IDC/FLK40 (8) = IDC/FLK14-3 (2) = brown
	IDC/FLK40 (10) = IDC/FLK14-3 (3) = red
	IDC/FLK40 (12) = IDC/FLK14-3 (4) = orange
	IDC/FLK40 (14) = IDC/FLK14-3 (5) = yellow
	IDC/FLK40 (16) = IDC/FLK14-3 (6) = green
	IDC/FLK40 (18) = IDC/FLK14-3 (7) = blue
	IDC/FLK40 (20) = IDC/FLK14-3 (8) = violet
	IDC/FLK40 (2) = IDC/FLK14-3 (9) = gray
	IDC/FLK40 (38) = IDC/FLK14-3 (10) = white
	IDC/FLK40 (22) = IDC/FLK14-4 (1) = black
	IDC/FLK40 (24) = IDC/FLK14-4 (2) = brown
	IDC/FLK40 (26) = IDC/FLK14-4 (3) = red
	IDC/FLK40 (28) = IDC/FLK14-4 (4) = orange
	IDC/FLK40 (30) = IDC/FLK14-4 (5) = yellow
	IDC/FLK40 (32) = IDC/FLK14-4 (6) = green
	IDC/FLK40 (34) = IDC/FLK14-4 (7) = blue
	IDC/FLK40 (36) = IDC/FLK14-4 (8) = violet
	IDC/FLK40 (4) = IDC/FLK14-4 (9) = gray
	IDC/FLK40 (40) = IDC/FLK14-4 (10) = white

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 5
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Approvals

EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

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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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