

Cable - FLK 50/2FLK20/EZ-DR/ 800/DV - 2304940

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Round cable set; controller: Emerson Delta V; connection 1: IDC/FLK socket strip (2x 20-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 8 m

Why buy this product

- ✓ The DeltaV system can be used to install the process wiring via "mass termination blocks" (MTBs) using flat-ribbon cable plugs
- ✓ System cables specifically designed for 32-channel I/O modules with 40-pin MTB for connecting I/O modules to 32-channel VARIOFACE interface modules

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 011754
GTIN	4046356011754

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	8 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	10.3 mm
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
Shielding	no

Environmental conditions

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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	1
Number of positions	50
Pitch	2.54 mm

Connector 2

Connection name	Controller level
Connection method	IDC/FLK socket strip
Number of connections	2
Number of positions	20
Pitch	2.54 mm

Supported controller

Controller	Emerson DeltaV
- suitable I/O card	VE4001S2T2B5
	VE4002S1T2B6

Standards and Regulations

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

Color code

Connector 1 = connector 2 (optional) = wire color	IDC/FLK50 (3) = IDC/FLK20-1 (1) = black
	IDC/FLK50 (4) = IDC/FLK20-1 (2) = brown
	IDC/FLK50 (5) = IDC/FLK20-1 (3) = red
	IDC/FLK50 (6) = IDC/FLK20-1 (4) = orange
	IDC/FLK50 (7) = IDC/FLK20-1 (5) = yellow
	IDC/FLK50 (8) = IDC/FLK20-1 (6) = green
	IDC/FLK50 (9) = IDC/FLK20-1 (7) = blue
	IDC/FLK50 (10) = IDC/FLK20-1 (8) = violet
	IDC/FLK50 (11) = IDC/FLK20-1 (18) = gray
	IDC/FLK50 (15) = IDC/FLK20-1 (9) = white
	IDC/FLK50 (16) = IDC/FLK20-1 (10) = white-black
	IDC/FLK50 (17) = IDC/FLK20-1 (11) = white-brown
	IDC/FLK50 (18) = IDC/FLK20-1 (12) = white-red
	IDC/FLK50 (19) = IDC/FLK20-1 (13) = white-orange

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Technical data

Color code

	IDC/FLK50 (20) = IDC/FLK20-1 (14) = white-yellow
	IDC/FLK50 (21) = IDC/FLK20-1 (15) = white-green
	IDC/FLK50 (22) = IDC/FLK20-1 (16) = white-blue
	IDC/FLK50 (23) = IDC/FLK20-1 (20) = white-violet
	IDC/FLK50 (27) = IDC/FLK20-2 (1) = white-gray
	IDC/FLK50 (28) = IDC/FLK20-2 (2) = brown-black
	IDC/FLK50 (29) = IDC/FLK20-2 (3) = brown-red
	IDC/FLK50 (30) = IDC/FLK20-2 (4) = brown-orange
	IDC/FLK50 (31) = IDC/FLK20-2 (5) = brown-yellow
	IDC/FLK50 (32) = IDC/FLK20-2 (6) = brown-green
	IDC/FLK50 (33) = IDC/FLK20-2 (7) = brown-blue
	IDC/FLK50 (34) = IDC/FLK20-2 (8) = brown-violet
	IDC/FLK50 (35) = IDC/FLK20-2 (18) = brown-gray
	IDC/FLK50 (39) = IDC/FLK20-2 (9) = brown-white
	IDC/FLK50 (40) = IDC/FLK20-2 (10) = green-black
	IDC/FLK50 (41) = IDC/FLK20-2 (11) = green-brown
	IDC/FLK50 (42) = IDC/FLK20-2 (12) = green-red
	IDC/FLK50 (43) = IDC/FLK20-2 (13) = green-orange
	IDC/FLK50 (44) = IDC/FLK20-2 (14) = green-blue
	IDC/FLK50 (45) = IDC/FLK20-2 (15) = green-violet
	IDC/FLK50 (46) = IDC/FLK20-2 (16) = green-gray
	IDC/FLK50 (47) = IDC/FLK20-2 (20) = green-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

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

Cable - FLK 50/2FLK20/EZ-DR/ 800/DV - 2304940

Approvals

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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