

## Cable - FLK 16-24-DV-AI-EZ-DR/... - 2304335

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Round cable set; controller: Emerson Delta V; connection 1: IDC/FLK socket strip (1x 24-position); connection 2: IDC/FLK socket strip (1x 16-position); cable length: variable

### Your advantages

- The DeltaV system can be used to install the process wiring via "mass termination blocks" (MTBs) using flat-ribbon cable plugs
- For analog modules with 24-pos. MTB

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 936457
GTIN	4017918936457

### Configuration

Length [m]	6.0
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### 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 $\Omega/m$
Length of cable	variable
Single wire, cross section	0.14 mm <sup>2</sup>
Single wire, cross section [AWG]	26
Single wire, material	Cu tin-plated
External diameter	6.5 mm
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
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	1
Number of positions	16
Pitch	2.54 mm

### Connector 2

Connection name	Controller level
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	24
Pitch	2.54 mm

### Supported controller

Controller	Emerson DeltaV
- suitable I/O card	VE4003S3B5

### Color code

Connector 1 = connector 2 (optional) = wire color	IDC/FLK16 (1) = IDC/FLK24 (3) = black
	IDC/FLK16 (2) = IDC/FLK24 (1) = brown
	IDC/FLK16 (3) = IDC/FLK24 (3) = red
	IDC/FLK16 (4) = IDC/FLK24 (5) = orange
	IDC/FLK16 (5) = IDC/FLK24 (9) = yellow
	IDC/FLK16 (6) = IDC/FLK24 (7) = green
	IDC/FLK16 (7) = IDC/FLK24 (9) = blue
	IDC/FLK16 (8) = IDC/FLK24 (11) = violet
	IDC/FLK16 (9) = IDC/FLK24 (15) = gray
	IDC/FLK16 (10) = IDC/FLK24 (13) = white
	IDC/FLK16 (11) = IDC/FLK24 (15) = white-black
	IDC/FLK16 (12) = IDC/FLK24 (17) = white-brown
	IDC/FLK16 (13) = IDC/FLK24 (21) = white-red
	IDC/FLK16 (14) = IDC/FLK24 (19) = white-orange
	IDC/FLK16 (15) = IDC/FLK24 (21) = white-yellow
	IDC/FLK16 (16) = IDC/FLK24 (23) = white-green

### Standards and Regulations

Flame resistance	IEC 60332-1
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## Technical data

### Standards and Regulations

	DIN VDE 0482 Part 332-1
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### 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 / EAC / cULus Listed


#### Ex Approvals

### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN		125 V	
Nominal current IN		1 A	

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

EAC		RU C- DE.A*30.B00767
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cULus Listed	
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