

# Cable - CABLE-2FLK24/2FLK24/DV/ 8,0M/S - 2906958

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Assembled shielded round cable; controller: Emerson Delta V S-Series; connection 1: IDC/FLK socket strip (2x 24-position); connection 2: IDC/FLK socket strip (2x 24-position); cable length: 8 m



RoHS

## Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4055626145105

## 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	8 m
Single wire, cross section	0.14 mm <sup>2</sup>
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	yes

### Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Flame resistance	IEC 60332-3-22

### Connector 1

## Cable - CABLE-2FLK24/2FLK24/DV/ 8,0M/S - 2906958

### Technical data

#### Connector 1

Connection name	Field level
Connection method	IDC/FLK socket strip
Number of connections	2
Number of positions	24
Pitch	2.54 mm

#### Connector 2

Connection name	Controller level
Connection method	IDC/FLK socket strip
Conductor cross section AWG	26
Number of connections	2
Number of positions	24
Pitch	2.54 mm

#### Supported controller

Controller	Emerson DeltaV
- suitable I/O card	SE4053S2B11
	SE4083S2B11

#### Standards and Regulations

Flame resistance	IEC 60332-3-22
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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"

### Drawings

# Cable - CABLE-2FLK24/2FLK24/DV/ 8,0M/S - 2906958

## Connection diagram

FLK24 X1 A	FLK24 X3 B	FLK24 X2 C	FLK24 X4 D	Conductor color
PIN 1	PIN 1			black
PIN 2	PIN 2			brown
PIN 3	PIN 3			red
PIN 4	PIN 4			orange
PIN 5	PIN 5			yellow
PIN 6	PIN 6			green
PIN 7	PIN 7			blue
PIN 8	PIN 8			violet
PIN 9	PIN 9			gray
PIN 10	PIN 10			white
PIN 11	PIN 11			white-black
PIN 12	PIN 12			white-brown
PIN 13	PIN 13			white-red
PIN 14	PIN 14			white-orange
PIN 15	PIN 15			white-yellow
PIN 16	PIN 16			white-green
PIN 17	PIN 17			white-blue
PIN 18	PIN 18			white-violet
PIN 19	PIN 19			white-gray
PIN 20	PIN 20			brown-black
PIN 21	PIN 21			brown-red
PIN 22	PIN 22			brown-orange
PIN 23	PIN 23			brown-yellow
PIN 24	PIN 24			brown-green
		PIN 1	PIN 1	brown-blue
		PIN 2	PIN 2	brown-violet
		PIN 3	PIN 3	brown-gray
		PIN 4	PIN 4	brown-white
		PIN 5	PIN 5	green-black
		PIN 6	PIN 6	green-brown
		PIN 7	PIN 7	green-red
		PIN 8	PIN 8	green-orange
		PIN 9	PIN 9	green-blue
		PIN 10	PIN 10	green-violet
		PIN 11	PIN 11	green-gray
		PIN 12	PIN 12	green-white
		PIN 13	PIN 13	yellow-black
		PIN 14	PIN 14	yellow-brown
		PIN 15	PIN 15	yellow-red
		PIN 16	PIN 16	yellow-orange
		PIN 17	PIN 17	yellow-blue
		PIN 18	PIN 18	yellow-violet
		PIN 19	PIN 19	yellow-gray
		PIN 20	PIN 20	yellow-white
		PIN 21	PIN 21	gray-black
		PIN 22	PIN 22	gray-brown
		PIN 23	PIN 23	gray-red
		PIN 24	PIN 24	gray-orange

## 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		

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## Approvals

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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