

## Cable - FLK 40/EZ-DR/ 150/KONFEK - 2289007

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Round cable set; connection 1: IDC/FLK socket strip (1x 40-position); connection 2: IDC/FLK socket strip (1x 40-position); cable length: 1.5 m

### Your advantages

- Unshielded

### Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 057398
GTIN	4017918057398

### 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	1.5 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	9.9 mm
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4
Shielding	no
Outer sheath, material	PVC
External sheath, color	gray RAL 7035

#### Environmental conditions

# Cable - FLK 40/EZ-DR/ 150/KONFEK - 2289007

## 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
Resistance to oil	DIN VDE 0472 Part 803, test type B
Gasoline resistance	against occasional splashes

### Connector 1

Connection name	Field level
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	40
Pitch	2.54 mm

### Connector 2

Connection name	Controller level
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	40
Pitch	2.54 mm

### Supported controller

Controller	SIEMENS S5-95U/ET100U S5-100U/ET200U
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### Color code

Connector 1 = connector 2 (optional) = wire color	IDC/FLK40 (1) = IDC/FLK40 (1) = black
	IDC/FLK40 (2) = IDC/FLK40 (2) = brown
	IDC/FLK40 (3) = IDC/FLK40 (3) = red
	IDC/FLK40 (4) = IDC/FLK40 (4) = orange
	IDC/FLK40 (5) = IDC/FLK40 (5) = yellow
	IDC/FLK40 (6) = IDC/FLK40 (6) = green
	IDC/FLK40 (7) = IDC/FLK40 (7) = blue
	IDC/FLK40 (8) = IDC/FLK40 (8) = violet
	IDC/FLK40 (9) = IDC/FLK40 (9) = gray
	IDC/FLK40 (10) = IDC/FLK40 (10) = white
	IDC/FLK40 (11) = IDC/FLK40 (11) = white-black
	IDC/FLK40 (12) = IDC/FLK40 (12) = white-brown
	IDC/FLK40 (13) = IDC/FLK40 (13) = white-red
	IDC/FLK40 (14) = IDC/FLK40 (14) = white-orange
	IDC/FLK40 (15) = IDC/FLK40 (15) = white-yellow
	IDC/FLK40 (16) = IDC/FLK40 (16) = white-green
	IDC/FLK40 (17) = IDC/FLK40 (17) = white-blue
	IDC/FLK40 (18) = IDC/FLK40 (18) = white-violet

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## Technical data

### Color code

	IDC/FLK40 (19) = IDC/FLK40 (19) = white-gray
	IDC/FLK40 (20) = IDC/FLK40 (20) = brown-black
	IDC/FLK40 (21) = IDC/FLK40 (21) = brown-red
	IDC/FLK40 (22) = IDC/FLK40 (22) = brown-orange
	IDC/FLK40 (23) = IDC/FLK40 (23) = brown-yellow
	IDC/FLK40 (24) = IDC/FLK40 (24) = brown-green
	IDC/FLK40 (25) = IDC/FLK40 (25) = brown-blue
	IDC/FLK40 (26) = IDC/FLK40 (26) = brown-violet
	IDC/FLK40 (27) = IDC/FLK40 (27) = brown-gray
	IDC/FLK40 (28) = IDC/FLK40 (28) = brown-white
	IDC/FLK40 (29) = IDC/FLK40 (29) = green-black
	IDC/FLK40 (30) = IDC/FLK40 (30) = green-brown
	IDC/FLK40 (31) = IDC/FLK40 (31) = green-red
	IDC/FLK40 (32) = IDC/FLK40 (32) = green-orange
	IDC/FLK40 (33) = IDC/FLK40 (33) = green-blue
	IDC/FLK40 (34) = IDC/FLK40 (34) = green-violet
	IDC/FLK40 (35) = IDC/FLK40 (35) = green-gray
	IDC/FLK40 (36) = IDC/FLK40 (36) = green-white
	IDC/FLK40 (37) = IDC/FLK40 (37) = yellow-black
	IDC/FLK40 (38) = IDC/FLK40 (38) = yellow-brown
	IDC/FLK40 (39) = IDC/FLK40 (39) = yellow-red
	IDC/FLK40 (40) = IDC/FLK40 (40) = yellow-orange

### Standards and Regulations

Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1
Resistance to oil	DIN VDE 0472 Part 803, test type B
Gasoline resistance	against occasional splashes
Connection in acc. with standard	CUL

### 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

# Cable - FLK 40/EZ-DR/ 150/KONFEK - 2289007

## Approvals

Ex Approvals

### Approval details

EAC		RU C- DE.A*30.B00767
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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	

cULus Listed	
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