

## Cable - FLK 14/16/EZ-DR/ 250/S7 - 2293857

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Round cable set; controller: SIMATIC® TOP connect; connection 1: IDC/FLK socket strip (1x 16-position); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 2.5 m

RoHS

### Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 125547
GTIN	4017918125547
Weight per Piece (excluding packing)	159.500 g
Custom tariff number	85444290
Country of origin	Germany

### 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	2.5 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
Test voltage	500 V AC (50 Hz, 1 min.)
External diameter	6.4 mm

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## Technical data

### General

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
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	14
Pitch	2.54 mm

### Connector 2

Connection name	Controller level
Connection method	IDC/FLK socket strip
Number of connections	1
Number of positions	16
Pitch	2.54 mm

### Supported controller

Controller	SIEMENS TOP connect
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### Standards and Regulations

Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1
Connection in acc. with standard	CUL
Standards/regulations	DIN EN 60352-4
	IEC 352-4

### Color code

Connector 1 = connector 2 (optional) = wire color	IDC/FLK16 (1) = IDC/FLK14 (10) = white
	IDC/FLK16 (2) = IDC/FLK14 (8) = violet
	IDC/FLK16 (3) = IDC/FLK14 (12) = white-brown
	IDC/FLK16 (4) = IDC/FLK14 (7) = blue
	IDC/FLK16 (5) = IDC/FLK14 (14) = white-orange
	IDC/FLK16 (6) = IDC/FLK14 (6) = green
	IDC/FLK16 (8) = IDC/FLK14 (5) = yellow

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## Technical data

### Color code

	IDC/FLK16 (9) = IDC/FLK14 (9) = gray
	IDC/FLK16 (10) = IDC/FLK14 (4) = orange
	IDC/FLK16 (11) = IDC/FLK14 (11) = white-black
	IDC/FLK16 (12) = IDC/FLK14 (3) = red
	IDC/FLK16 (13) = IDC/FLK14 (13) = white-red
	IDC/FLK16 (14) = IDC/FLK14 (2) = brown
	IDC/FLK16 (16) = IDC/FLK14 (1) = black

## Environmental Product Compliance

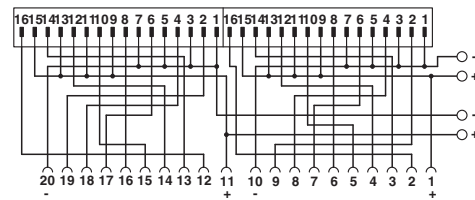
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

## Drawings

Connection diagram

14-pos. Socket strip PIN	16-pos. Socket strip PIN	Wire color
1	16	Black
2	14	Brown
3	12	Red
4	10	Orange
5	8	Yellow
6	6	Green
7	4	Blue
8	2	Violet
9	9	Gray
10	1	White
11	11	White-black
12	3	White-brown
13	13	White-red
14	5	White-orange
	7	-
	15	-

Circuit diagram

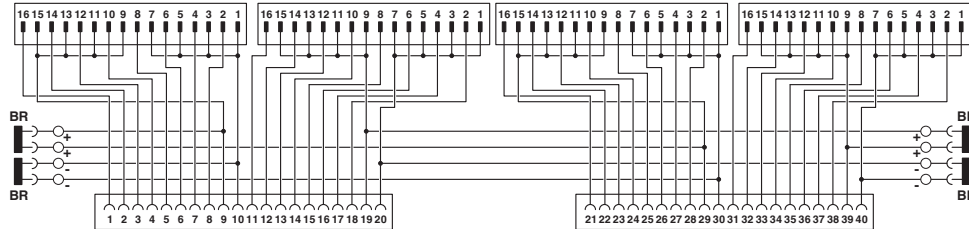


Pin assignment Siemens S7 front connector modules 6ES7 921-3...

Pin assignment and color code

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Circuit diagram



Pin assignment of digital Siemens S7 front plug-in modules 6ES7 921-5AB20-0AA0 or 6ES7 921-5AH20-0AA0

## Classifications

### eCl@ss

eCl@ss 5.1	27249205
eCl@ss 6.0	27249205
eCl@ss 7.0	27249205
eCl@ss 8.0	27249205
eCl@ss 9.0	27242220

### ETIM

ETIM 2.0	EC000237
ETIM 3.0	EC000237
ETIM 4.0	EC000237
ETIM 5.0	EC000237
ETIM 6.0	EC000237

### UNSPSC

UNSPSC 6.01	26121620
UNSPSC 7.0901	26121620
UNSPSC 11	26121620
UNSPSC 12.01	26121620
UNSPSC 13.2	26121620

## Approvals

### Approvals

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EAC / EAC / UL Listed / cUL Listed / cULus Listed

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## Approvals

Ex Approvals

### Approval details

EAC		EAC-Zulassung
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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 current IN		1 A	
Nominal voltage UN		125 V	

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 current IN		1 A	
Nominal voltage UN		125 V	

cULus Listed	
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