

Cable - FLK 14/16/EZ-DR/ 400/S7 - 2293886

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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: 4 m

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 125578
GTIN	4017918125578
Weight per Piece (excluding packing)	244.300 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 Ω /m
Length of cable	4 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
Test voltage	500 V AC (50 Hz, 1 min.)
External diameter	6.4 mm

Cable - FLK 14/16/EZ-DR/ 400/S7 - 2293886

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
------------	---------------------

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

Cable - FLK 14/16/EZ-DR/ 400/S7 - 2293886

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

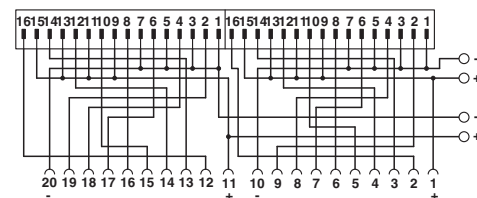
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

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

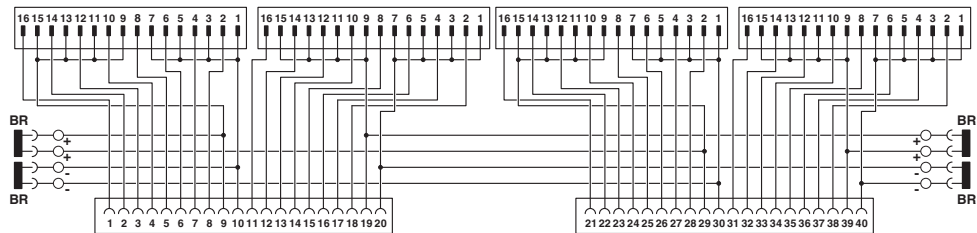


Pin assignment Siemens S7 front connector modules 6ES7 921-3...

Pin assignment and color code

Cable - FLK 14/16/EZ-DR/ 400/S7 - 2293886

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

Approvals

EAC / UL Listed / cUL Listed / cULus Listed

Cable - FLK 14/16/EZ-DR/ 400/S7 - 2293886

Approvals

Ex Approvals

Approval details

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

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

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

cULus Listed	
--------------	---