

Cable - FLK 50/4X14/EZ-DR/ 50/KONFEK - 2296689

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Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (4x 14-position); cable length: 0.5 m

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 593711
GTIN	4017918593711
Weight per Piece (excluding packing)	137.800 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	0.5 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
External diameter	6.3 mm
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4

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Technical data

General

Shielding	no
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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	4
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	50
Pitch	2.54 mm

Supported controller

Controller	SIEMENS S7-400
- suitable I/O card	6ES7 421-1BL01-0AA0
	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IB32
	1756-OB32
Controller	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
	1771 OBN
Controller	HONEYWELL Experion PKS C200
- suitable I/O card	TC-IDD 321
	TC-ODD 321
Controller	Schneider Electric Modicon TSX QUANTUM
- suitable I/O card	DDI 353
	DDI 853

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Technical data

Supported controller

	DAI 353
	DAI 453
	DDO 353
Controller	SIEMENS S7-300 / ET 200 M
- suitable I/O card	CPU 313C-2DP
	CPU 314C-2PtP
	6ES7 321-1BL00-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 323-1BL00-0AA0
	6ES7 331-7NF00-0AB0
	6ES7 331-7PF01-0AB0
	6ES7 331-7PF11-0AB0
	6ES7 350-2AH01-0AE0
	6ES7 357-4AH01-0AE0
	CPU 314C-2DP
	CPU 313C
	CPU 313C-2PtP

Standards and Regulations

Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1
Connection in acc. with standard	CUL

Color code

Connector 1 = connector 2 (optional) = wire color	IDC/FLK50 (1) = IDC/FLK14-1 (9) = gray
	IDC/FLK50 (2) = IDC/FLK14-1 (11) = white-black
	IDC/FLK50 (3) = IDC/FLK14-1 (1) = black
	IDC/FLK50 (4) = IDC/FLK14-1 (2) = brown
	IDC/FLK50 (5) = IDC/FLK14-1 (3) = red
	IDC/FLK50 (6) = IDC/FLK14-1 (4) = orange
	IDC/FLK50 (7) = IDC/FLK14-1 (5) = yellow
	IDC/FLK50 (8) = IDC/FLK14-1 (6) = green
	IDC/FLK50 (9) = IDC/FLK14-1 (7) = blue
	IDC/FLK50 (10) = IDC/FLK14-1 (8) = violet
	IDC/FLK50 (11) = IDC/FLK14-1 (10) = white
	IDC/FLK50 (12) = IDC/FLK14-1 (12) = white-brown
	IDC/FLK50 (13) = IDC/FLK14-2 (9) = gray
	IDC/FLK50 (14) = IDC/FLK14-2 (11) = white-black

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Technical data

Color code

	IDC/FLK50 (15) = IDC/FLK14-2 (1) = black
	IDC/FLK50 (16) = IDC/FLK14-2 (2) = brown
	IDC/FLK50 (17) = IDC/FLK14-2 (3) = red
	IDC/FLK50 (18) = IDC/FLK14-2 (4) = orange
	IDC/FLK50 (19) = IDC/FLK14-2 (5) = yellow
	IDC/FLK50 (20) = IDC/FLK14-2 (6) = green
	IDC/FLK50 (21) = IDC/FLK14-2 (7) = blue
	IDC/FLK50 (22) = IDC/FLK14-2 (8) = violet
	IDC/FLK50 (23) = IDC/FLK14-2 (10) = white
	IDC/FLK50 (24) = IDC/FLK14-2 (12) = white-brown
	IDC/FLK50 (25) = IDC/FLK14-3 (9) = gray
	IDC/FLK50 (26) = IDC/FLK14-3 (11) = white-black
	IDC/FLK50 (27) = IDC/FLK14-3 (1) = black
	IDC/FLK50 (28) = IDC/FLK14-3 (2) = brown
	IDC/FLK50 (29) = IDC/FLK14-3 (3) = red
	IDC/FLK50 (30) = IDC/FLK14-3 (4) = orange
	IDC/FLK50 (31) = IDC/FLK14-3 (5) = yellow
	IDC/FLK50 (32) = IDC/FLK14-3 (6) = green
	IDC/FLK50 (33) = IDC/FLK14-3 (7) = blue
	IDC/FLK50 (34) = IDC/FLK14-3 (8) = violet
	IDC/FLK50 (35) = IDC/FLK14-3 (10) = white
	IDC/FLK50 (36) = IDC/FLK14-3 (12) = white-brown
	IDC/FLK50 (37) = IDC/FLK14-4 (9) = gray
	IDC/FLK50 (38) = IDC/FLK14-4 (11) = white-black
	IDC/FLK50 (39) = IDC/FLK14-4 (1) = black
	IDC/FLK50 (40) = IDC/FLK14-4 (2) = brown
	IDC/FLK50 (41) = IDC/FLK14-4 (3) = red
	IDC/FLK50 (42) = IDC/FLK14-4 (4) = orange
	IDC/FLK50 (43) = IDC/FLK14-4 (5) = yellow
	IDC/FLK50 (44) = IDC/FLK14-4 (6) = green
	IDC/FLK50 (45) = IDC/FLK14-4 (7) = blue
	IDC/FLK50 (46) = IDC/FLK14-4 (8) = violet
	IDC/FLK50 (47) = IDC/FLK14-4 (10) = white
	IDC/FLK50 (48) = IDC/FLK14-4 (12) = white-brown

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
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Technical data

Environmental Product Compliance

	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"
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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 / EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

Cable - FLK 50/4X14/EZ-DR/ 50/KONFEK - 2296689

Approvals

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

Accessories

Marker carrier cable

Cable marker carrier - KME - 0807083



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable binders, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm

