

Cable - FLK 50/EZ-DR/ 750/KONFEK - 2289638

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Round cable set; connection 1: IDC/FLK socket strip (1x 50-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 7.5 m



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 057695
GTIN	4017918057695
Weight per Piece (excluding packing)	1,212.300 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	7.5 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	10.3 mm
Cable, preassembly	Insulation displacement, IEC 60352-4/DIN EN 60352-4

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Technical data

General

Shielding	no
Outer sheath, material	PVC
External sheath, color	gray RAL 7035

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	50
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 S7-300 / ET 200 M
- suitable I/O card	CPU 313C
	CPU 313C-2DP
	CPU 313C-2PtP
	CPU 314C-2DP
	CPU 314C-2PtP
	6ES7 321-1BL00-0AA0
	6ES7 322-1BL00-0AA0
	6ES7 322-8BH01-0AB0
	6ES7 323-1BL00-0AA0
	6ES7 326-1BK02-0AB0
	6ES7 326-1RF00-0AB0

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Technical data

Supported controller

	6ES7 326-2BF01-0AB0
	6ES7 326-2BF10-0AB0
	6ES7 331-1KF01-0AB0
	6ES7 331-7NF00-0AB0
	6ES7 331-7NF10-0AB0
	6ES7 331-7PF01-0AB0
	6ES7 331-7PF11-0AB0
	6ES7 332-5HF00-0AB0
	6ES7 350-2AH01-0AE0
	6ES7 357-4AH01-0AE0
Controller	SIEMENS S7-400
- suitable I/O card	6ES7 421-1BL01-0AA0
	6ES7 421-7BH01-0AB0
	6ES7 421-7DH00-0AA0
	6ES7 422-1BL00-0AA0
	6ES7 422-7BL00-0AB0
	6ES7 431-0HH0-0AB0
	6ES7 431-1KF00-0AB0
	6ES7 431-1KF10-0AB0
	6ES7 431-1KF20-0AB0
	6ES7 431-7KF00-0AB0
	6ES7 431-7KF10-0AB0
	6ES7 431-7QH00-0AB0
	6ES7 432-1HF00-0AB0
Controller	Schneider Electric Modicon TSX QUANTUM
- suitable I/O card	DDI 353
	DDI 841
	DDI 853
	DAI 340
	DAI 353
	DAI 440
	DAI 453
	DDO 353
	DDM 390
	ACI 030
	ACI 040
	ATI 030

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Technical data

Supported controller

	ARI 030
	AVI 030
	ACO 020
	ACO 130
	AVO 020
	EHC 105
	EHC 202
Controller	ALLEN-BRADLEY ControlLogix
- suitable I/O card	1756-IA16I
	1756-IB16D
	1756-IB16I
	1756-IB32
	1756-IH16I
	1756-OB32
	1756-IF8
	1756-IF16
	1756-HSC
	1756-M02AE
Controller	ALLEN-BRADLEY PLC 5
- suitable I/O card	1771 IBN
	1771 OBN
Controller	HONEYWELL Experion PKS C200
- suitable I/O card	TC-IDK 161
	TC-IDX 161
	TC-IDJ 161
	TC-IDD 321
	TC-ODD 321
	TC-IAH 161
Controller	ALLEN-BRADLEY SLC 500
- suitable I/O card	1746 OA16
	1746 OW16

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

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Technical data

Color code

Connector 1 = connector 2 (optional) = wire color	IDC/FLK50 (1) = IDC/FLK50 (1) = black
	IDC/FLK50 (2) = IDC/FLK50 (2) = brown
	IDC/FLK50 (3) = IDC/FLK50 (3) = red
	IDC/FLK50 (4) = IDC/FLK50 (4) = orange
	IDC/FLK50 (5) = IDC/FLK50 (5) = yellow
	IDC/FLK50 (6) = IDC/FLK50 (6) = green
	IDC/FLK50 (7) = IDC/FLK50 (7) = blue
	IDC/FLK50 (8) = IDC/FLK50 (8) = violet
	IDC/FLK50 (9) = IDC/FLK50 (9) = gray
	IDC/FLK50 (10) = IDC/FLK50 (10) = white
	IDC/FLK50 (11) = IDC/FLK50 (11) = white-black
	IDC/FLK50 (12) = IDC/FLK50 (12) = white-brown
	IDC/FLK50 (13) = IDC/FLK50 (13) = white-red
	IDC/FLK50 (14) = IDC/FLK50 (14) = white-orange
	IDC/FLK50 (15) = IDC/FLK50 (15) = white-yellow
	IDC/FLK50 (16) = IDC/FLK50 (16) = white-green
	IDC/FLK50 (17) = IDC/FLK50 (17) = white-blue
	IDC/FLK50 (18) = IDC/FLK50 (18) = white-violet
	IDC/FLK50 (19) = IDC/FLK50 (19) = white-gray
	IDC/FLK50 (20) = IDC/FLK50 (20) = brown-black
	IDC/FLK50 (21) = IDC/FLK50 (21) = brown-red
	IDC/FLK50 (22) = IDC/FLK50 (22) = brown-orange
	IDC/FLK50 (23) = IDC/FLK50 (23) = brown-yellow
	IDC/FLK50 (24) = IDC/FLK50 (24) = brown-green
	IDC/FLK50 (25) = IDC/FLK50 (25) = brown-blue
	IDC/FLK50 (26) = IDC/FLK50 (26) = brown-violet
	IDC/FLK50 (27) = IDC/FLK50 (27) = brown-gray
	IDC/FLK50 (28) = IDC/FLK50 (28) = brown-white
	IDC/FLK50 (29) = IDC/FLK50 (29) = green-black
	IDC/FLK50 (30) = IDC/FLK50 (30) = green-brown
	IDC/FLK50 (31) = IDC/FLK50 (31) = green-red
	IDC/FLK50 (32) = IDC/FLK50 (32) = green-orange
	IDC/FLK50 (33) = IDC/FLK50 (33) = green-blue
	IDC/FLK50 (34) = IDC/FLK50 (34) = green-violet
	IDC/FLK50 (35) = IDC/FLK50 (35) = green-gray
	IDC/FLK50 (36) = IDC/FLK50 (36) = green-white
	IDC/FLK50 (37) = IDC/FLK50 (37) = yellow-black

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Color code

	IDC/FLK50 (38) = IDC/FLK50 (38) = yellow-brown
	IDC/FLK50 (39) = IDC/FLK50 (39) = yellow-red
	IDC/FLK50 (40) = IDC/FLK50 (40) = yellow-orange
	IDC/FLK50 (41) = IDC/FLK50 (41) = yellow-blue
	IDC/FLK50 (42) = IDC/FLK50 (42) = yellow-violet
	IDC/FLK50 (43) = IDC/FLK50 (43) = yellow-gray
	IDC/FLK50 (44) = IDC/FLK50 (44) = yellow-white
	IDC/FLK50 (45) = IDC/FLK50 (45) = gray-black
	IDC/FLK50 (46) = IDC/FLK50 (46) = gray-brown
	IDC/FLK50 (47) = IDC/FLK50 (47) = gray-red
	IDC/FLK50 (48) = IDC/FLK50 (48) = gray-orange
	IDC/FLK50 (49) = IDC/FLK50 (49) = gray-yellow
	IDC/FLK50 (50) = IDC/FLK50 (50) = gray-green

Environmental Product Compliance

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

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

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Classifications

UNSPSC

UNSPSC 12.01	26121620
UNSPSC 13.2	26121620

Approvals

Approvals


Approvals


EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

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