Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

PHŒNIX CONTACT

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

Why buy this product

☑ Unshielded

RoHS

Key Commercial Data

Packing unit	1 STK
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 Ω/m
Length of cable	1.5 m
Single wire, cross section	0.14 mm²
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

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

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

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

PHŒNIX CONTACT

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

Approvals

Ex Approvals

Approval details

			RU C-DE.A*30.B00767
EAC			

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705

Nominal voltage UN	125 V
Nominal current IN	1 A

cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705

Nominal voltage UN	125 V
Nominal current IN	1 A

cULus Listed	

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