

Cable - CABLE-FCN40/1X50/ 1,0M/S7-OUT - 2321020

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Round cable set; Controller: Siemens S7-300 (6ES7 322-1BP00-0AA0 and 6ES7 322-1BP50-0AA0 (negative switching)); Connection 1: Fujitsu connector (1x 40-position); Connection 2: IDC/FLK socket strip (1x 50-position); Cable length: 1 m

Why buy this product

- Signal transfer of 1 x 32 channels
- System cable: 40-pos. connector to 50-pos. flat-ribbon cable strip

RoHS

Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 330732
GTIN	4046356330732
Weight per Piece (excluding packing)	172.200 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	1 m
Single wire, cross section	0.14 mm^2
Single wire, cross section [AWG]	26
Conductor construction: Number of litz wires:	7

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Technical data

General

Single wire, material	Cu tin-plated
External diameter	10 mm
Shielding	no
Outer sheath, material	PVC
External sheath, color	RAL7035

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	Fujitsu connector
Number of connections	1
Number of positions	40

Supported controller

Controller	SIEMENS S7-300
- suitable I/O card	6ES7 322-1BP50-0AA0
	6ES7 322-1BP00-0AA0

Standards and Regulations

Resistance to oil	DIN VDE 0472 Part 803, test type B
Flame resistance	IEC 60332-1
	DIN VDE 0482 Part 332-1

Color code

Connector 1 = connector 2 (optional) = wire color	Fujitsu40 (A1) = IDC/FLK50 (3) = black
	Fujitsu40 (A2) = IDC/FLK50 (4) = red
	Fujitsu40 (A3) = IDC/FLK50 (5) = yellow

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Color code

	Fujitsu40 (A4) = IDC/FLK50 (6) = blue
	Fujitsu40 (A5) = IDC/FLK50 (7) = gray
	Fujitsu40 (A6) = IDC/FLK50 (8) = white-black
	Fujitsu40 (A7) = IDC/FLK50 (9) = white-red
	Fujitsu40 (A8) = IDC/FLK50 (10) = white-yellow
	Fujitsu40 (A9) = IDC/FLK50 (11) = white-blue
	Fujitsu40 (A10) = IDC/FLK50 (1) = white-gray
	Fujitsu40 (A11) = IDC/FLK50 (15) = brown-red
	Fujitsu40 (A12) = IDC/FLK50 (16) = brown-yellow
	Fujitsu40 (A13) = IDC/FLK50 (17) = brown-blue
	Fujitsu40 (A14) = IDC/FLK50 (18) = brown-gray
	Fujitsu40 (A15) = IDC/FLK50 (19) = green-black
	Fujitsu40 (A16) = IDC/FLK50 (20) = green-red
	Fujitsu40 (A17) = IDC/FLK50 (21) = green-blue
	Fujitsu40 (A18) = IDC/FLK50 (22) = green-gray
	Fujitsu40 (A19) = IDC/FLK50 (23) = yellow-black
	Fujitsu40 (A20) = IDC/FLK50 (13) = yellow-red
	Fujitsu40 (B1) = IDC/FLK50 (27) = brown
	Fujitsu40 (B2) = IDC/FLK50 (28) = orange
	Fujitsu40 (B3) = IDC/FLK50 (29) = green
	Fujitsu40 (B4) = IDC/FLK50 (30) = violet
	Fujitsu40 (B5) = IDC/FLK50 (31) = white
	Fujitsu40 (B6) = IDC/FLK50 (32) = white-brown
	Fujitsu40 (B7) = IDC/FLK50 (33) = white-orange
	Fujitsu40 (B8) = IDC/FLK50 (34) = white-green
	Fujitsu40 (B9) = IDC/FLK50 (35) = white-violet
	Fujitsu40 (B10) = IDC/FLK50 (25) = brown-black
	Fujitsu40 (B11) = IDC/FLK50 (39) = brown-orange
	Fujitsu40 (B12) = IDC/FLK50 (40) = brown-green
	Fujitsu40 (B13) = IDC/FLK50 (41) = brown-violet
	Fujitsu40 (B14) = IDC/FLK50 (42) = brown-white
	Fujitsu40 (B15) = IDC/FLK50 (43) = green-brown
	Fujitsu40 (B16) = IDC/FLK50 (44) = green-orange
	Fujitsu40 (B17) = IDC/FLK50 (45) = green-violet
	Fujitsu40 (B18) = IDC/FLK50 (46) = green-white
	Fujitsu40 (B19) = IDC/FLK50 (47) = yellow-brown
	Fujitsu40 (B20) = IDC/FLK50 (37) = yellow-orange

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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
UNSPSC 12.01	26121620
UNSPSC 13.2	26121620

Approvals

Approvals

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EAC / UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

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Approvals

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



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