

Round cable - CABLE-FCN40/1X50/15,0M/M340 - 2903748

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Round cable set; controller: MODICON® M340 (BMX DDI 3202K, BMX DDI 6402K, BMX DD0 3202K, BMX DD0 6402K, BMX DDM 3202K); connection 1: Fujitsu connector (1x 40-position); connection 2: IDC/FLK socket strip (1x 50-position); cable length: 15 m

Your advantages

- Signal transfer of 32 channels



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 762083
GTIN	4046356762083
Weight per Piece (excluding packing)	2,150.000 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	15 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	10.5 mm
Shielding	no
Outer sheath, material	PVC

Round cable - CABLE-FCN40/1X50/15,0M/M340 - 2903748

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General

External sheath, color	RAL7035
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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
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	Schneider Electric Modicon M340
- suitable I/O card	BMX DDI 3202K
	BMX DDI 6402K
	BMX DD0 3202K
	BMX DD0 6402K
	BMX DDM 3202K

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

Color code

Connector 1 = connector 2 (optional) = wire color	Fujitsu40 (A1) = IDC/FLK50 (47) = black
	Fujitsu40 (B1) = IDC/FLK50 (37) = brown
	Fujitsu40 (A2) = IDC/FLK50 (35) = red
	Fujitsu40 (B2) = IDC/FLK50 (25) = orange
	Fujitsu40 (A3) = IDC/FLK50 (46) = yellow
	Fujitsu40 (B3) = IDC/FLK50 (45) = green

Round cable - CABLE-FCN40/1X50/15,0M/M340 - 2903748

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Color code

	Fujitsu40 (A4) = IDC/FLK50 (44) = blue
	Fujitsu40 (B4) = IDC/FLK50 (43) = violet
	Fujitsu40 (A5) = IDC/FLK50 (42) = gray
	Fujitsu40 (B5) = IDC/FLK50 (41) = white
	Fujitsu40 (A6) = IDC/FLK50 (40) = white-black
	Fujitsu40 (B6) = IDC/FLK50 (39) = white-brown
	Fujitsu40 (A7) = IDC/FLK50 (34) = white-red
	Fujitsu40 (B7) = IDC/FLK50 (33) = white-orange
	Fujitsu40 (A8) = IDC/FLK50 (32) = white-yellow
	Fujitsu40 (B8) = IDC/FLK50 (31) = white-green
	Fujitsu40 (A9) = IDC/FLK50 (30) = white-blue
	Fujitsu40 (B9) = IDC/FLK50 (29) = white-violet
	Fujitsu40 (A10) = IDC/FLK50 (28) = white-gray
	Fujitsu40 (B10) = IDC/FLK50 (27) = brown-black
	Fujitsu40 (A11) = IDC/FLK50 (23) = brown-red
	Fujitsu40 (B11) = IDC/FLK50 (13) = brown-orange
	Fujitsu40 (A12) = IDC/FLK50 (11) = brown-yellow
	Fujitsu40 (B12) = IDC/FLK50 (1) = brown-green
	Fujitsu40 (A13) = IDC/FLK50 (22) = brown-blue
	Fujitsu40 (B13) = IDC/FLK50 (21) = brown-violet
	Fujitsu40 (A14) = IDC/FLK50 (20) = brown-gray
	Fujitsu40 (B14) = IDC/FLK50 (19) = brown-white
	Fujitsu40 (A15) = IDC/FLK50 (18) = green-black
	Fujitsu40 (B15) = IDC/FLK50 (17) = green-brown
	Fujitsu40 (A16) = IDC/FLK50 (16) = green-red
	Fujitsu40 (B16) = IDC/FLK50 (15) = green-orange
	Fujitsu40 (A17) = IDC/FLK50 (10) = green-blue
	Fujitsu40 (B17) = IDC/FLK50 (9) = green-violet
	Fujitsu40 (A18) = IDC/FLK50 (8) = green-gray
	Fujitsu40 (B18) = IDC/FLK50 (7) = green-white
	Fujitsu40 (A19) = IDC/FLK50 (6) = yellow-black
	Fujitsu40 (B19) = IDC/FLK50 (5) = yellow-brown
	Fujitsu40 (A20) = IDC/FLK50 (4) = yellow-red
	Fujitsu40 (B20) = IDC/FLK50 (3) = yellow-orange

Environmental Product Compliance

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

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Classifications

eCl@ss

eCl@ss 5.1	27242200
eCl@ss 6.0	27249200
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

UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

Approval details

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		

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EAC		RU C- DE.A*30.B00767
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cULus Listed	
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Accessories

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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