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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!



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## Round cable - CABLE-FCN40/4X14/ 2,0M/M340 - 2321732

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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 (4x 14-position); cable length: 2 m

### Why buy this product

- Splitting 32 channels into 4 x 8 channels



### Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 412209
GTIN	4046356412209

### Technical data

#### General

Nominal voltage U <sub>N</sub>	< 50 V AC
	60 V DC
Max. current carrying capacity per path	1 A
Max. conductor resistance	0.16 Ω/m
Length of cable	2 m
Single wire, cross section	0.14 mm <sup>2</sup>
Single wire, cross section [AWG]	26
Conductor construction: Number of litz wires:	7
Single wire, material	Cu tin-plated
External diameter	6.3 mm
Shielding	no
Outer sheath, material	PVC
External sheath, color	RAL7035

#### Environmental conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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# Round cable - CABLE-FCN40/4X14/ 2,0M/M340 - 2321732

## Technical data

### Environmental conditions

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	4
Number of positions	14
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 (B20) = IDC/FLK14-1 (1) = black
	Fujitsu40 (A20) = IDC/FLK14-1 (2) = brown
	Fujitsu40 (B19) = IDC/FLK14-1 (3) = red
	Fujitsu40 (A19) = IDC/FLK14-1 (4) = orange
	Fujitsu40 (B18) = IDC/FLK14-1 (5) = yellow
	Fujitsu40 (A18) = IDC/FLK14-1 (6) = green
	Fujitsu40 (B17) = IDC/FLK14-1 (7) = blue
	Fujitsu40 (A17) = IDC/FLK14-1 (8) = violet
	Fujitsu40 (B12) = IDC/FLK14-1 (9) = gray

## Round cable - CABLE-FCN40/4X14/ 2,0M/M340 - 2321732

### Technical data

#### Color code

	Fujitsu40 (A12) = IDC/FLK14-1 (10) = white
	Fujitsu40 (B16) = IDC/FLK14-2 (1) = black
	Fujitsu40 (A16) = IDC/FLK14-2 (2) = brown
	Fujitsu40 (B15) = IDC/FLK14-2 (3) = red
	Fujitsu40 (A15) = IDC/FLK14-2 (4) = orange
	Fujitsu40 (B14) = IDC/FLK14-2 (5) = yellow
	Fujitsu40 (A14) = IDC/FLK14-2 (6) = green
	Fujitsu40 (B13) = IDC/FLK14-2 (7) = blue
	Fujitsu40 (A13) = IDC/FLK14-2 (8) = violet
	Fujitsu40 (B11) = IDC/FLK14-2 (9) = gray
	Fujitsu40 (A11) = IDC/FLK14-2 (10) = white
	Fujitsu40 (B10) = IDC/FLK14-3 (1) = black
	Fujitsu40 (A10) = IDC/FLK14-3 (2) = brown
	Fujitsu40 (B9) = IDC/FLK14-3 (3) = red
	Fujitsu40 (A9) = IDC/FLK14-3 (4) = orange
	Fujitsu40 (B8) = IDC/FLK14-3 (5) = yellow
	Fujitsu40 (A8) = IDC/FLK14-3 (6) = green
	Fujitsu40 (B7) = IDC/FLK14-3 (7) = blue
	Fujitsu40 (A7) = IDC/FLK14-3 (8) = violet
	Fujitsu40 (B2) = IDC/FLK14-3 (9) = gray
	Fujitsu40 (A2) = IDC/FLK14-3 (10) = white
	Fujitsu40 (B6) = IDC/FLK14-4 (1) = black
	Fujitsu40 (A6) = IDC/FLK14-4 (2) = brown
	Fujitsu40 (B5) = IDC/FLK14-4 (3) = red
	Fujitsu40 (A5) = IDC/FLK14-4 (4) = orange
	Fujitsu40 (B4) = IDC/FLK14-4 (5) = yellow
	Fujitsu40 (A4) = IDC/FLK14-4 (6) = green
	Fujitsu40 (A3) = IDC/FLK14-4 (8) = violet
	Fujitsu40 (B1) = IDC/FLK14-4 (9) = gray
	Fujitsu40 (A1) = IDC/FLK14-4 (10) = white

#### 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

# Round cable - CABLE-FCN40/4X14/ 2,0M/M340 - 2321732

## 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		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN		125 V	
Nominal current IN		1 A	

cUL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
Nominal voltage UN		125 V	
Nominal current IN		1 A	

cULus Listed			
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