

Cable - CABLE-FCN40/1X50/ 8,0M/IP/MEL - 2903482

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Round cable set for Mitsubishi Electric MELSEC L, MELSEC Q with 1 x Fujitsu connector (40-position) on 1 x IDC/FLK socket strip (50-position), Cable length: 8 m



RoHS

Key Commercial Data

| | |
|----------------------|----------|
| Packing unit | 1 STK |
| 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. total current of all branches | 2 A |
| Max. conductor resistance | 0.16 Ω /m |
| Length of cable | 8 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 | 8.7 mm |
| Shielding | no |
| Outer sheath, material | PVC |
| External sheath, color | RAL7035 |

Environmental conditions

Cable - CABLE-FCN40/1X50/ 8,0M/IP/MEL - 2903482

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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, module side

| | |
|-----------------------|----------------------|
| Connection name | Field level |
| Connection method | IDC/FLK socket strip |
| Number of connections | 1 |
| Number of positions | 50 |
| Pitch | 2.54 mm |

Connector, controller side

| | |
|-----------------------|-------------------|
| Connection name | Controller level |
| Connection method | Fujitsu connector |
| Number of connections | 1 |
| Number of positions | 40 |

Supported controller

| | |
|---------------------|---------------------------|
| Controller | MITSUBISHI MELSEC Q |
| - suitable I/O card | QX71 |
| | QX72 |
| | QX82 |
| | QX82-S1 |
| Controller | MITSUBISHI MELSEC L |
| - suitable I/O card | LX41C4 |
| | LX42C4 |
| Controller | Honeywell MasterLogic 200 |
| - suitable I/O card | 2MLI-D24A |
| | 2MLI-D28B |
| | 2MLF-SOEA |

Standards and Regulations

| | |
|-----------------------|------------------------------------|
| Standards/regulations | DIN EN 60352-4 |
| | DIN EN 60603-1 |
| Resistance to oil | DIN VDE 0472 Part 803, test type B |
| Flame resistance | IEC 60332-1 |

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Standards and Regulations

| | |
|--|-------------------------|
| | DIN VDE 0482 Part 332-1 |
|--|-------------------------|

Color code

| | |
|---|---|
| Connector 1 = connector 2 (optional) = wire color | Fujitsu40 (B1) = IDC/FLK50 (11) = black |
| | Fujitsu40 (B2) = IDC/FLK50 (48) = brown |
| | Fujitsu40 (A5) = IDC/FLK50 (46) = red |
| | Fujitsu40 (B5) = IDC/FLK50 (22) = orange |
| | Fujitsu40 (A6) = IDC/FLK50 (45) = yellow |
| | Fujitsu40 (B6) = IDC/FLK50 (21) = green |
| | Fujitsu40 (A7) = IDC/FLK50 (44) = blue |
| | Fujitsu40 (B7) = IDC/FLK50 (20) = violet |
| | Fujitsu40 (A8) = IDC/FLK50 (43) = gray |
| | Fujitsu40 (B8) = IDC/FLK50 (19) = white |
| | Fujitsu40 (A9) = IDC/FLK50 (42) = white-black |
| | Fujitsu40 (B9) = IDC/FLK50 (18) = white-brown |
| | Fujitsu40 (A10) = IDC/FLK50 (41) = white-red |
| | Fujitsu40 (B10) = IDC/FLK50 (17) = white-orange |
| | Fujitsu40 (A11) = IDC/FLK50 (40) = white-yellow |
| | Fujitsu40 (B11) = IDC/FLK50 (16) = white-green |
| | Fujitsu40 (A12) = IDC/FLK50 (39) = white-blue |
| | Fujitsu40 (B12) = IDC/FLK50 (15) = white-violet |
| | Fujitsu40 (A13) = IDC/FLK50 (34) = white-gray |
| | Fujitsu40 (B13) = IDC/FLK50 (10) = brown-black |
| | Fujitsu40 (A14) = IDC/FLK50 (33) = brown-red |
| | Fujitsu40 (B14) = IDC/FLK50 (9) = brown-orange |
| | Fujitsu40 (A15) = IDC/FLK50 (32) = brown-yellow |
| | Fujitsu40 (B15) = IDC/FLK50 (8) = brown-green |
| | Fujitsu40 (A16) = IDC/FLK50 (31) = brown-blue |
| | Fujitsu40 (B16) = IDC/FLK50 (7) = brown-violet |
| | Fujitsu40 (A17) = IDC/FLK50 (30) = brown-gray |
| | Fujitsu40 (B17) = IDC/FLK50 (6) = brown-white |
| | Fujitsu40 (A18) = IDC/FLK50 (29) = green-black |
| | Fujitsu40 (B18) = IDC/FLK50 (5) = green-brown |
| | Fujitsu40 (A19) = IDC/FLK50 (28) = green-red |
| | Fujitsu40 (B19) = IDC/FLK50 (4) = green-orange |
| | Fujitsu40 (A20) = IDC/FLK50 (27) = green-blue |
| | Fujitsu40 (B20) = IDC/FLK50 (3) = green-violet |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| eCl@ss 5.0 | 27061801 |
| eCl@ss 6.0 | 27249205 |
| eCl@ss 7.0 | 27249205 |
| eCl@ss 8.0 | 27249205 |
| eCl@ss 9.0 | 27242220 |

ETIM

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|----------|----------|
| ETIM 2.0 | EC000237 |
| ETIM 3.0 | EC000237 |
| ETIM 4.0 | EC000237 |
| ETIM 5.0 | EC000237 |

UNSPSC

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|---------------|----------|
| UNSPSC 6.01 | 26121620 |
| UNSPSC 7.0901 | 26121620 |
| UNSPSC 11 | 26121620 |
| UNSPSC 12.01 | 26121620 |
| UNSPSC 13.2 | 26121620 |

Approvals

Approvals

Approvals

EAC / UL Listed / cUL Listed / cULus Listed


Ex Approvals

Approval details

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|-------------------------|
| EAC RU C-DE.A*30.B00767 |
|-------------------------|

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Approvals

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

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

cULus Listed 