

Cable - CABLE-FCN40/4X14/ 1,0M/IM/MEL - 2903503

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Assembled round cable for connecting 4 x 8 channels in the Mitsubishi Melsec L and Melsec Q. The system cable has one 40-pos. Fujitsu strip and four 14-pos. FLK strips, length: 1 m.



Key commercial data

| | |
|--------------------------------------|--|
| Packing unit | 1 pc |
| GTIN |  4 046356 745505 |
| Weight per Piece (excluding packing) | 224.5 g |
| Custom tariff number | 85444290 |
| Country of origin | Germany |
| Note | Made to Order (non-returnable) |

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 | 1 m |
| Single wire, cross section | 0.14 mm ² |
| AWG | 26 |
| Conductor construction: Number of litz wires: | 7 |
| Single wire, material | Cu tin-plated |
| Shielding | no |
| Outer sheath, material | PVC |
| External sheath, color | RAL7035 |

Environmental conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -20 °C ... 50 °C |
|---------------------------------|------------------|

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Technical data

Environmental conditions

| | |
|---|------------------------------------|
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |
| Flame resistance | IEC 60332-1 |
| Resistance to oil | DIN VDE 0472 Part 803, test type B |
| Gasoline resistance | Against occasional splashes |

Connector, module side

| | |
|---------------------|--------------------------------|
| Number of positions | 14 |
| Connectors | IDC/FLK socket strip (2.54 mm) |
| Number of plugs | 4 |

Connector, controller side

| | |
|---------------------|-------------------|
| Number of positions | 40 |
| Connectors | Fujitsu connector |
| Number of plugs | 1 |

Supported controller

| | |
|---------------------|---------------------------|
| Controller | MITSUBISHI MELSEC Q |
| - suitable I/O card | QX41 |
| | QX41-S1 |
| | QX42 |
| | QX42-S1 |
| | QY41P |
| | QY42P |
| | QH42P |
| Controller | MITSUBISHI MELSEC L |
| - suitable I/O card | LX41C4 |
| | LX42C4 |
| | LY41NT1P |
| | LY42NT1P |
| | LY41PT1P |
| | LY42PT1P |
| Controller | HONEYWELL MasterLogic 200 |
| - suitable I/O card | 2MLQ-TR4A |
| | 2MLQ-TR8A |
| | 2MLQ-TR4B |
| | 2MLQ-TR8B |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |

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Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.0 | 27061801 |
| eCl@ss 5.1 | 27061801 |
| eCl@ss 6.0 | 27061801 |
| eCl@ss 7.0 | 27061801 |
| eCl@ss 8.0 | 27249205 |

ETIM

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

UNSPSC

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

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

| |
|-----|
| EAC |
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Drawings

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Connection diagram

| Federl. (X1) | Doppel- belegung | Aderfarbe | FLK 14 (X2) Byte 0 | FLK 14 (X3) Byte 1 | FLK 14 (X4) Byte 2 | FLK 14 (X5) Byte 3 |
|--------------|---------------------|-----------|--------------------------|--------------------------|--------------------------|--------------------------|
| PIN B20 | | schwarz | PIN 1 | | | |
| PIN B19 | | braun | PIN 2 | | | |
| PIN B18 | | rot | PIN 3 | | | |
| PIN B17 | | orange | PIN 4 | | | |
| PIN B16 | | gelb | PIN 5 | | | |
| PIN B15 | | grün | PIN 6 | | | |
| PIN B14 | | blau | PIN 7 | | | |
| PIN B13 | | violett | PIN 8 | | | |
| PIN B01 | | grau | PIN 9 | | | |
| PIN A01 | | weiß | PIN10 | | | |
| PIN B12 | | schwarz | | PIN 1 | | |
| PIN B11 | | braun | | PIN 2 | | |
| PIN B10 | | rot | | PIN 3 | | |
| PIN B09 | | orange | | PIN 4 | | |
| PIN B08 | | gelb | | PIN 5 | | |
| PIN B07 | | grün | | PIN 6 | | |
| PIN B06 | | blau | | PIN 7 | | |
| PIN B05 | | violett | | PIN 8 | | |
| | | grau | | PIN 9 | | |
| | | weiß | | PIN10 | | |
| PIN A20 | | schwarz | | | PIN 1 | |
| PIN A19 | | braun | | | PIN 2 | |
| PIN A18 | | rot | | | PIN 3 | |
| PIN A17 | | orange | | | PIN 4 | |
| PIN A16 | | gelb | | | PIN 5 | |
| PIN A15 | | grün | | | PIN 6 | |
| PIN A14 | | blau | | | PIN 7 | |
| PIN A13 | | violett | | | PIN 8 | |
| PIN B02 | | grau | | | PIN 9 | |
| PIN A02 | | weiß | | | PIN10 | |
| PIN A12 | | schwarz | | | | PIN 1 |
| PIN A11 | | braun | | | | PIN 2 |
| PIN A10 | | rot | | | | PIN 3 |
| PIN A09 | | orange | | | | PIN 4 |
| PIN A08 | | gelb | | | | PIN 5 |
| PIN A07 | | grün | | | | PIN 6 |
| PIN A06 | | blau | | | | PIN 7 |
| PIN A05 | | violett | | | | PIN 8 |
| | | grau | | | | PIN 9 |
| | | weiß | | | | PIN10 |