

## Cable - CABLE-D37-M2,5/4X14/200/Y81P-O - 2302492

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Splitting cable for Mitsubishi Electric MELSEC Q Y81P, MELSEC A1S Y81, MELSEC A AY82EP, cable length 2.0 m



The illustration shows the version  
CABLE-D37-M2,5/4X14/ 50/Y81P-O



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 620.0 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 $\Omega$ /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                   |

#### Environmental conditions

|                                         |                  |
|-----------------------------------------|------------------|
| Ambient temperature (operation)         | -20 °C ... 50 °C |
| Ambient temperature (storage/transport) | -20 °C ... 70 °C |

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### Technical data

#### Environmental conditions

|                  |                         |
|------------------|-------------------------|
| Flame resistance | IEC 60332-1             |
|                  | DIN VDE 0482 Part 332-1 |

#### Connector, module side

|                       |                                |
|-----------------------|--------------------------------|
| Connection method     | IDC/FLK socket strip (2.54 mm) |
| Number of connections | 4                              |
| Number of positions   | 14                             |

#### Connector, controller side

|                       |                    |
|-----------------------|--------------------|
| Connection method     | D-SUB socket strip |
| Number of connections | 1                  |
| Number of positions   | 37                 |

#### Supported controller

|                     |                     |
|---------------------|---------------------|
| Controller          | MITSUBISHI MELSEC Q |
| - suitable I/O card | QY81P               |

#### Standards and Regulations

|                                  |                         |
|----------------------------------|-------------------------|
| Connection in acc. with standard | CUL                     |
| Flame resistance                 | IEC 60332-1             |
|                                  | DIN VDE 0482 Part 332-1 |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060306 |
| eCl@ss 4.1 | 27060306 |
| 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 | EC000993 |
| ETIM 3.0 | EC000237 |
| ETIM 4.0 | EC000237 |
| ETIM 5.0 | EC000237 |

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### Classifications

#### UNSPSC

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

### Approvals

#### Approvals

##### Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

##### Ex Approvals

##### Approvals submitted

#### Approval details

|                                                                                                   |
|---------------------------------------------------------------------------------------------------|
| UL Recognized  |
|---------------------------------------------------------------------------------------------------|

|                                                                                                    |
|----------------------------------------------------------------------------------------------------|
| cUL Recognized  |
|----------------------------------------------------------------------------------------------------|

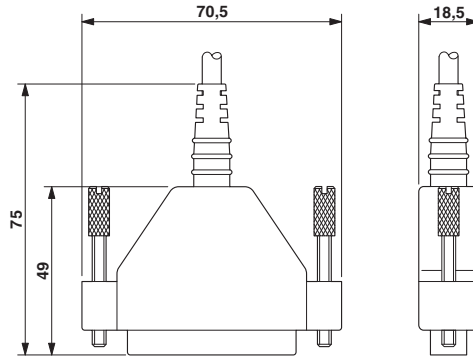
|     |
|-----|
| EAC |
|-----|

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|------------------------------------------------------------------------------------------------------|

### Drawings

## Cable - CABLE-D37-M2,5/4X14/200/Y81P-O - 2302492

Dimensional drawing



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