

## Cable - CABLE-FLK16/OE/0,14/ 3,0M - 2318172

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Round cable assembled with a 16-pos. socket strip and an open end. On the open end, the wires are labeled with 1 to 16 and have ferrules, cable length: 3.0 m

### Product Features

- 14 and 16-pos.
- Connector according to IEC 60603-13
- Open end at one end
- 1:1 connection



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 209.9 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                               | 3 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        |
| Test voltage                                  | 0.8 kV               |

## Cable - CABLE-FLK16/OE/0,14/ 3,0M - 2318172

### Technical data

#### General

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| External diameter  | 6.5 mm                                              |
| Cable, preassembly | Insulation displacement, IEC 60352-4/DIN EN 60352-4 |
| Shielding          | no                                                  |

#### 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 |

#### Connector, module side

|                       |                      |
|-----------------------|----------------------|
| Connection name       | Field level          |
| Connection method     | IDC/FLK socket strip |
| Number of connections | 1                    |
| Number of positions   | 16                   |
| Pitch                 | 2.54 mm              |

#### Connector, controller side

|                     |                  |
|---------------------|------------------|
| Connection name     | Controller level |
| Connection method   | Single wires     |
| Number of positions | 16               |

#### 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 |
| eCl@ss 9.0 | 27242220 |

## Cable - CABLE-FLK16/OE/0,14/ 3,0M - 2318172

### Classifications

#### 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

UL Recognized / cUL Recognized / EAC / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

#### Approval details

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

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

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

## Cable - CABLE-FLK16/OE/0,14/ 3,0M - 2318172

### Approvals

EAC

cULus Recognized  US

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Phoenix Contact:

2318172