

## Cable - CABLE-FLK50/OE/0,14/ 100 - 2305350

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Round cable assembled with a 50-pos. socket strip and an open end. On the open end, the wires are labeled with 1 to 50 and have ferrules, cable length: 1 m

### Product Features

- 20 and 50-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) | 183.8 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                               | 1 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               |

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## Technical data

### General

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| External diameter  | 10.3 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 method     | IDC/FLK socket strip (2.54 mm) |
| Number of connections | 1                              |
| Number of positions   | 50                             |

### Connector, controller side

|                     |              |
|---------------------|--------------|
| Connection method   | Single wires |
| Number of positions | 50           |

### 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 | EC000237 |
| 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 / EAC / cULus Recognized

##### Ex Approvals

##### Approvals submitted

#### Approval details

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|---------------------------------------------------------------------------------------------------|
| UL Recognized  |
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| cUL Recognized  |
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| EAC |
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| EAC |
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| cULus Recognized  |
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