

## Cable - CABLE-FLK14/OE/0,14/ 600 - 2305787

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Round cable set; connection 1: Single wires (14-position) (The wires are marked and fitted with ferrules.); connection 2: IDC/FLK socket strip (1x 14-position); cable length: 6 m

### Your advantages

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



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 046356 039123 |
| GTIN                                 | 4046356039123                                                                                           |
| Weight per Piece (excluding packing) | 366.400 g                                                                                               |
| Custom tariff number                 | 85444290                                                                                                |
| Country of origin                    | Germany                                                                                                 |

### Technical data

#### Ambient conditions

|                                         |                                          |
|-----------------------------------------|------------------------------------------|
| Ambient temperature (operation)         | -40 °C ... 70 °C (fixed installation)    |
|                                         | -10 °C ... 70 °C (flexible installation) |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C                         |
| Maximum altitude                        | ≤ 2000 m                                 |
| Degree of protection                    | IP00                                     |
|                                         | ≥ IP54 (Installation location)           |

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### Technical data

#### General

|                                               |                                                     |
|-----------------------------------------------|-----------------------------------------------------|
| Max. permissible operating voltage            | 25 V AC                                             |
|                                               | 60 V DC                                             |
| Max. current carrying capacity per path       | 1 A (50 °C)                                         |
|                                               | 0.6 A (70°C)                                        |
| Length of cable                               | 6 m                                                 |
| External cable diameter                       | 6.4 mm ±0.4 mm                                      |
| Single wire, cross section                    | 0.14 mm <sup>2</sup>                                |
| Single wire, cross section [AWG]              | 26                                                  |
| Single wire, number of litz wires             | 7                                                   |
| Single wire, material                         | Cu tin-plated                                       |
| Wire diameter incl. insulation                | 1 mm ±0.03 mm                                       |
| Smallest bending radius, fixed installation   | 55 mm                                               |
| Smallest bending radius, movable installation | 104 mm                                              |
| Bending cycles                                | 5000 (at a radius of ≥ 15x outside diameter)        |
| Cable, preassembly                            | Insulation displacement, IEC 60352-4/DIN EN 60352-4 |
| Shielding                                     | no                                                  |
| Cable insulation resistance                   | ≥ 20 MΩ/km (20 °C)                                  |
| Cable resistance                              | ≤ 145 Ω/km (20 °C)                                  |
| Outer sheath, material                        | Semi-rigid PVC                                      |
| External sheath, color                        | gray                                                |
| Degree of protection                          | IP00                                                |
|                                               | ≥ IP54 (Installation location)                      |
| Nominal operating mode                        | 100% operating factor                               |

#### Connection data

|                                  |                      |
|----------------------------------|----------------------|
| Connection name                  | Field level          |
| Connection in acc. with standard | IEC 60603-13         |
| Connection method                | IDC/FLK socket strip |
| Number of connections            | 1                    |
| Number of positions              | 14                   |
| Insertion/withdrawal cycles      | > 50                 |
| Pitch                            | 2.54 mm              |

#### Connection data 2

|                     |                                                |
|---------------------|------------------------------------------------|
| Connection name     | Controller level                               |
| Connection method   | Single wires                                   |
| Number of positions | 14                                             |
| Note                | The wires are marked and fitted with ferrules. |

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### Technical data

#### Standards and Regulations

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Flame resistance                 | UL VW-1                               |
|                                  | CSA FT-1                              |
|                                  | IEC 60332-1-2                         |
|                                  | VDE 0842, Part 332-1-2                |
|                                  | IEC 60332-3-22                        |
| Resistance to oil                | against occasional splashes           |
| Gasoline resistance              | against occasional splashes           |
| Connection in acc. with standard | CUL                                   |
| Designation                      | Air clearances and creepage distances |
| Standards/regulations            | DIN EN 50178                          |
| Rated insulation voltage         | 63 V                                  |
| Rated surge voltage              | 0.6 kV                                |
| Insulation                       | Functional insulation                 |
| Degree of pollution              | 2                                     |
| Overvoltage category             | II                                    |

#### Supported controller

|            |           |
|------------|-----------|
| Controller | universal |
|------------|-----------|

#### Environmental Product Compliance

|            |                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------|
| China RoHS | Environmentally Friendly Use Period = 50                                                            |
|            | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27060300 |
| eCl@ss 4.1 | 27060300 |
| eCl@ss 5.0 | 27242200 |
| eCl@ss 5.1 | 27242200 |
| eCl@ss 6.0 | 27249200 |
| eCl@ss 7.0 | 27249205 |
| eCl@ss 8.0 | 27249205 |
| eCl@ss 9.0 | 27242220 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC000237 |
| ETIM 3.0 | EC000237 |

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### Classifications

#### ETIM

|          |          |
|----------|----------|
| ETIM 4.0 | EC000237 |
| ETIM 5.0 | EC000237 |
| ETIM 6.0 | EC000237 |
| ETIM 7.0 | 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 Listed / cUL Listed / EAC / cULus Listed

#### Ex Approvals

#### Approval details

|                    |                                                                                     |                                                                                                                                                       |               |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| UL Listed          |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|                    |                                                                                     |                                                                                                                                                       |               |
| Nominal voltage UN | 125 V                                                                               |                                                                                                                                                       |               |
| Nominal current IN | 1 A                                                                                 |                                                                                                                                                       |               |

|                    |  |                                                                                     |                                                                                                                                                       |               |
|--------------------|--|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| cUL Listed         |  |  | <a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> | FILE E 238705 |
|                    |  |                                                                                     |                                                                                                                                                       |               |
| Nominal voltage UN |  | 125 V                                                                               |                                                                                                                                                       |               |
| Nominal current IN |  | 1 A                                                                                 |                                                                                                                                                       |               |

## Cable - CABLE-FLK14/OE/0,14/ 600 - 2305787

### Approvals

EAC



RU C-  
DE.A\*30.B00767

cULus Listed



### Accessories

#### Accessories

#### Marker carrier cable

Cable marker carrier - KME - 0807083



Cable marker carrier, white, unlabeled, mounting type: Assembly with cable binders, cable diameter: > 5 mm, lettering field size: 20 mm x 8 mm