

## Cable - FLK 40/EZ-DR/ 300/KONFEK - 2289036

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 sets, with two 40-pos. socket strips (1:1 connection), also for use with Siemens SIMATIC® S5-95U and 100U (32 x digital IN/OUT), cable length: 3 m

The illustration shows a 50-pos. version

### Product Features

- Unshielded



### Key Commercial Data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 1 pc                                                                                                    |
| GTIN                                 | <br>4 017918 057428 |
| Weight per Piece (excluding packing) | 429.5 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        |

## Cable - FLK 40/EZ-DR/ 300/KONFEK - 2289036

### Technical data

#### General

|                        |                                                     |
|------------------------|-----------------------------------------------------|
| External diameter      | 9.9 mm                                              |
| Cable, preassembly     | Insulation displacement, IEC 60352-4/DIN EN 60352-4 |
| Shielding              | no                                                  |
| Outer sheath, material | PVC                                                 |
| External sheath, color | gray RAL 7035                                       |

#### 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            |
| Resistance to oil                       | DIN VDE 0472 Part 803, test type B |
| Gasoline resistance                     | Against occasional splashes        |

#### Connector, module side

|                       |                                |
|-----------------------|--------------------------------|
| Connection method     | IDC/FLK socket strip (2.54 mm) |
| Number of connections | 1                              |
| Number of positions   | 40                             |

#### Connector, controller side

|                       |                                |
|-----------------------|--------------------------------|
| Connection method     | IDC/FLK socket strip (2.54 mm) |
| Number of connections | 1                              |
| Number of positions   | 40                             |

#### Supported controller

|            |                                      |
|------------|--------------------------------------|
| Controller | SIEMENS S5-95U/ET100U S5-100U/ET200U |
|------------|--------------------------------------|

#### Standards and Regulations

|                                  |                                    |
|----------------------------------|------------------------------------|
| Resistance to oil                | DIN VDE 0472 Part 803, test type B |
| 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 |

## Cable - FLK 40/EZ-DR/ 300/KONFEK - 2289036

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| 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

UL Recognized / cUL Recognized / EAC / cULus Recognized

##### Ex Approvals

##### Approvals submitted

#### Approval details

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

## Cable - FLK 40/EZ-DR/ 300/KONFEK - 2289036

### Approvals

cUL Recognized 

EAC

cULus Recognized 

# Mouser Electronics

Authorized Distributor

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

[Phoenix Contact:](#)

[2289036](#)