

## Cable - FLK 50/EZ-DR/ 900/KONFEK - 2289667

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Round cable set, with two 50-pos. socket strips (1:1 connection), for connecting 32 channels, cable length: 9 m



### Key Commercial Data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 1455.5 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                               | 9 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                             | 10.3 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

## Cable - FLK 50/EZ-DR/ 900/KONFEK - 2289667

### Technical data

#### 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 name       | Field level          |
| Connection method     | IDC/FLK socket strip |
| Number of connections | 1                    |
| Number of positions   | 50                   |
| Pitch                 | 2.54 mm              |

#### Connector, controller side

|                       |                      |
|-----------------------|----------------------|
| Connection name       | Controller level     |
| Connection method     | IDC/FLK socket strip |
| Number of connections | 1                    |
| Number of positions   | 50                   |
| Pitch                 | 2.54 mm              |

#### Supported controller

|                     |                           |
|---------------------|---------------------------|
| Controller          | SIEMENS S7-300 / ET 200 M |
| - suitable I/O card | CPU 313C                  |
|                     | CPU 313C-2DP              |
|                     | CPU 313C-2PtP             |
|                     | CPU 314C-2DP              |
|                     | CPU 314C-2PtP             |
|                     | 6ES7 321-1BL00-0AA0       |
|                     | 6ES7 322-1BL00-0AA0       |
|                     | 6ES7 322-8BH01-0AB0       |
|                     | 6ES7 323-1BL00-0AA0       |
|                     | 6ES7 326-1BK02-0AB0       |
|                     | 6ES7 326-1RF00-0AB0       |
|                     | 6ES7 326-2BF01-0AB0       |
|                     | 6ES7 326-2BF10-0AB0       |
|                     | 6ES7 331-1KF01-0AB0       |
|                     | 6ES7 331-7NF00-0AB0       |
|                     | 6ES7 331-7NF10-0AB0       |

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#### Supported controller

|                     |                                        |
|---------------------|----------------------------------------|
|                     | 6ES7 331-7PF01-0AB0                    |
|                     | 6ES7 331-7PF11-0AB0                    |
|                     | 6ES7 332-5HF00-0AB0                    |
|                     | 6ES7 350-2AH01-0AE0                    |
|                     | 6ES7 357-4AH01-0AE0                    |
| Controller          | SIEMENS S7-400                         |
| - suitable I/O card | 6ES7 421-1BL01-0AA0                    |
|                     | 6ES7 421-7BH01-0AB0                    |
|                     | 6ES7 421-7DH00-0AA0                    |
|                     | 6ES7 422-1BL00-0AA0                    |
|                     | 6ES7 422-7BL00-0AB0                    |
|                     | 6ES7 431-0HH0-0AB0                     |
|                     | 6ES7 431-1KF00-0AB0                    |
|                     | 6ES7 431-1KF10-0AB0                    |
|                     | 6ES7 431-1KF20-0AB0                    |
|                     | 6ES7 431-7KF00-0AB0                    |
|                     | 6ES7 431-7KF10-0AB0                    |
|                     | 6ES7 431-7QH00-0AB0                    |
|                     | 6ES7 432-1HF00-0AB0                    |
| Controller          | Schneider Electric MODICON TSX QUANTUM |
| - suitable I/O card | DDI 353                                |
|                     | DDI 841                                |
|                     | DDI 853                                |
|                     | DAI 340                                |
|                     | DAI 353                                |
|                     | DAI 440                                |
|                     | DAI 453                                |
|                     | DDO 353                                |
|                     | DDM 390                                |
|                     | ACI 030                                |
|                     | ACI 040                                |
|                     | ATI 030                                |
|                     | ARI 030                                |
|                     | AVI 030                                |
|                     | ACO 020                                |
|                     | ACO 130                                |
|                     | AVO 020                                |

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### Technical data

#### Supported controller

|                     |                             |
|---------------------|-----------------------------|
|                     | EHC 105                     |
|                     | EHC 202                     |
| Controller          | ALLEN-BRADLEY ControlLogix  |
| - suitable I/O card | 1756-IA16I                  |
|                     | 1756-IB16D                  |
|                     | 1756-IB16I                  |
|                     | 1756-IB32                   |
|                     | 1756-IH16I                  |
|                     | 1756-OB32                   |
|                     | 1756-IF8                    |
|                     | 1756-IF16                   |
|                     | 1756-HSC                    |
|                     | 1756-M02AE                  |
| Controller          | ALLEN-BRADLEY PLC 5         |
| - suitable I/O card | 1771 IBN                    |
|                     | 1771 OBN                    |
| Controller          | HONEYWELL Experion PKS C200 |
| - suitable I/O card | TC-IDK 161                  |
|                     | TC-IDX 161                  |
|                     | TC-IDJ 161                  |
|                     | TC-IDD 321                  |
|                     | TC-ODD 321                  |
|                     | TC-IAH 161                  |
| Controller          | ALLEN-BRADLEY SLC 500       |
| - suitable I/O card | 1746 OA16                   |
|                     | 1746 OW16                   |

#### 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 |

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### Classifications

#### eCl@ss

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

#### 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  |
|---------------------------------------------------------------------------------------------------|

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### Approvals

cUL Recognized 

EAC

cULus Recognized 

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