

# FLK 40/50EZ-DR/ 150/OBC/SLC - Cable



2299194

<https://www.phoenixcontact.com/us/products/2299194>

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## Commercial data

|                                      |               |
|--------------------------------------|---------------|
| Item number                          | 2299194       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Product key                          | DK221R        |
| GTIN                                 | 4017918832155 |
| Weight per piece (including packing) | 444.44 g      |
| Weight per piece (excluding packing) | 444.44 g      |
| Country of origin                    | DE            |

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## Technical data

### Product properties

|              |              |
|--------------|--------------|
| Product type | System cable |
|--------------|--------------|

### Cable/line

|              |       |
|--------------|-------|
| Cable length | 1.5 m |
|--------------|-------|

#### 40X0.14 [PVC]

|                                               |                                                                   |
|-----------------------------------------------|-------------------------------------------------------------------|
| UL AWM Style                                  | 2464/1061                                                         |
| Number of positions                           | 40                                                                |
| Shielded                                      | no                                                                |
| Cable type                                    | 40X0.14 [PVC]                                                     |
| Conductor type                                | Round cable set                                                   |
| Conductor structure signal line               | 7x 0.16 mm                                                        |
| AWG signal line                               | 26                                                                |
| Conductor cross section                       | 40x 0.14 mm <sup>2</sup>                                          |
| Wire diameter incl. insulation                | 1 mm ±0.03 mm                                                     |
| External cable diameter                       | 9.90 mm ±0.4 mm                                                   |
| Outer sheath, material                        | Semi-rigid PVC                                                    |
| External sheath, color                        | gray                                                              |
| Conductor material                            | Tin-plated Cu litz wires                                          |
| Cable resistance                              | ≤ 145 Ω/km (20 °C)                                                |
| Insulation resistance                         | ≥ 20 MΩ*km (20 °C)                                                |
| Smallest bending radius, fixed installation   | 82 mm                                                             |
| Smallest bending radius, movable installation | 155 mm                                                            |
| Dynamic load capacity (bending)               | Max. bending cycles: 5000 (at a radius of ≥ 15x outside diameter) |
| Halogen-free                                  | no                                                                |
| Flame resistance                              | IEC 60332-1-2 (raw cable)                                         |
|                                               | VDE 0842, Part 332-1-2 (raw cable)                                |
|                                               | IEC 60332-3-22 (raw cable)                                        |
|                                               | UL VW-1                                                           |
|                                               | CSA FT-1                                                          |
| Resistance to oil                             | can withstand occasional splashes (raw cable)                     |

### Notes

|                    |                                                                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes on operation | For proper use, the specifications of the installation directive (see Downloads) must be observed. For applications or use with third-party products, the specifications, and the safety and warning instructions of the respective third-party manufacturer must also be met. |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## Environmental product compliance

|                                        |                                                                                                                                                                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| China RoHS                             |                                                                                                                                                                                                                                   |
| Environment friendly use period (EFUP) | EFUP-50                                                                                                                                                                                                                           |
|                                        | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |
| EU REACH SVHC                          |                                                                                                                                                                                                                                   |
| REACH candidate substance (CAS No.)    | No substance above 0.1 wt%                                                                                                                                                                                                        |

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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)