

# Feed-through terminal block - VDFK 6-DP - 0711014

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Feed-through terminal block, Connection method: Screw connection, Load current : 57 A, Cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG 24 - 10, Connection direction of the conductor to plug-in direction: 0 °, Width: 10 mm, Color: gray

The illustration shows version VDFK 6 in gray

## Product description

Feed-through terminal block, Connection method: Screw connection, Load current : 57 A, Cross section: 0.2 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG 24 - 10, Connection direction of the conductor to plug-in direction: 0 °, Width: 10 mm, Color: gray

## Why buy this product

- Easy fixing using plastic knurled nut or quick mounting wedge
- Touch-proof insulating housing
- Spacer plates increase air and creepage distances
- Strain relief can be snapped on as an option
- Universal screw connection with screw locking
- Terminal blocks can be grouped



## Key commercial data

|                                      |                    |
|--------------------------------------|--------------------|
| Packing unit                         | 1                  |
| Minimum order quantity               | 50                 |
| Catalog page                         | Page 699 (CC-2011) |
| GTIN                                 | 4 017918 117146    |
| Weight per piece (including packing) | 0.0 GRM            |
| Weight per Piece (excluding packing) | 7.78 GRM           |
| Country of origin                    | POLAND             |

## Technical data

### General

|   |      |
|---|------|
| Number of levels                        | 1    |
| Number of connections                   | 2    |
| Color                                   | gray |
| Insulating material                     | PA   |
| Inflammability class according to UL 94 | V0   |

# Feed-through terminal block - VDFK 6-DP - 0711014

## Technical data

### Dimensions

|       |       |
|-------|-------|
| Width | 10 mm |
|-------|-------|

### Technical data

|                                  |               |
|----------------------------------|---------------|
| Rated surge voltage              | 6 kV          |
| Pollution degree                 | 3             |
| Surge voltage category           | III           |
| Insulating material group        | I             |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I <sub>N</sub>   | 41 A          |
| Nominal voltage U <sub>N</sub>   | 500 V         |

### Connection data

|   |                      |
|---|----------------------|
| Conductor cross section solid min.  | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.  | 10 mm <sup>2</sup>   |
| Conductor cross section stranded min.   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.   | 6 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.  | 24                   |
| Conductor cross section AWG/kcmil max   | 8                    |
| Conductor cross section stranded, with ferrule without plastic sleeve min.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 6 mm <sup>2</sup>    |
| Conductor cross section stranded, with ferrule with plastic sleeve min.                 | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule with plastic sleeve max.                 | 6 mm <sup>2</sup>    |
| 2 conductors with same cross section, solid min.  | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, solid max.  | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded min.                                     | 0.2 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded max.                                     | 4 mm <sup>2</sup>    |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 2.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm <sup>2</sup>    |
| Connection method   | Screw connection     |
| Stripping length  | 9 mm                 |
| Internal cylindrical gage   | A5                   |
| Screw thread  | M4                   |
| Tightening torque, min  | 1.5 Nm               |
| Tightening torque max   | 1.8 Nm               |

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## Classifications

### eClass

|            |          |
|------------|----------|
| eClass 4.0 | 27141131 |
| eClass 4.1 | 27141131 |
| eClass 5.0 | 27141134 |
| eClass 5.1 | 27141134 |
| eClass 6.0 | 27141134 |

### etim

|          |          |
|----------|----------|
| ETIM 2.0 | EC001283 |
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |

### unspsc

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 30211811 |
| UNSPSC 7.0901 | 39121410 |
| UNSPSC 11     | 39121410 |
| UNSPSC 12.01  | 39121410 |
| UNSPSC 13.2   | 39121410 |

## Approvals

### Certificates

#### Certification

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / IECCEB Scheme / GOST / cULus Recognized

#### Certification EX

#### Certification submitted

### Approval details

| CSA                        |       |       |       |
|----------------------------|-------|-------|-------|
|                            | B     | C     | D     |
| mm <sup>2</sup> /AWG/kcmil | 26-8  | 26-8  | 26-8  |
| Nominal current IN         | 50 A  | 50 A  | 10 A  |
| Nominal voltage UN         | 300 V | 150 V | 300 V |

| UL Recognized              |      |      |      |
|----------------------------|------|------|------|
|                            | B    | C    | D    |
| mm <sup>2</sup> /AWG/kcmil | 26-8 | 26-8 | 26-8 |

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## Approvals

|                                | B     | C     | D     |
|--------------------------------|-------|-------|-------|
| Nominal current I <sub>N</sub> | 50 A  | 50 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 150 V | 300 V |

| KEMA-KEUR                      |       |
|--------------------------------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 6     |
| Nominal current I <sub>N</sub> | 41 A  |
| Nominal voltage U <sub>N</sub> | 500 V |

| cUL Recognized                 |       |       |       |
|--------------------------------|-------|-------|-------|
|                                | B     | C     | D     |
| mm <sup>2</sup> /AWG/kcmil     | 26-8  | 26-8  | 26-8  |
| Nominal current I <sub>N</sub> | 50 A  | 50 A  | 10 A  |
| Nominal voltage U <sub>N</sub> | 300 V | 150 V | 300 V |

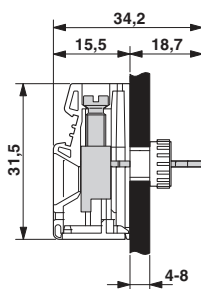
| IECEE CB Scheme                |       |
|--------------------------------|-------|
| mm <sup>2</sup> /AWG/kcmil     | 6     |
| Nominal current I <sub>N</sub> | 41 A  |
| Nominal voltage U <sub>N</sub> | 500 V |

| GOST |
|------|
|------|

| cULus Recognized |
|------------------|
|------------------|

## Drawings

Dimensioned drawing



Dimensioned drawing

