

## Feed-through terminal block - VDFK 4 - 0708250

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Feed-through terminal block, Connection method: Screw connection, Load current : 32 A, Cross section: 0.2 mm<sup>2</sup> - 6 mm<sup>2</sup>, AWG 24 - 12, Connection direction of the conductor to plug-in direction: 0 °, Width: 10 mm, Color: gray

### Product Features

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



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 1 PCE                                                                                                   |
| Minimum order quantity | 50 PCE                                                                                                  |
| GTIN                   | <br>4 017918 004576 |
| Custom tariff number   | 85369010                                                                                                |
| 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   |

#### Dimensions

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

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## Technical data

### Dimensions

|        |         |
|--------|---------|
| Length | 25.5 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 $I_N$            | 32 A          |
| Nominal voltage $U_N$            | 500 V         |
| Open side panel                  | nein          |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 6 mm <sup>2</sup>    |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                                   | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 24                   |
| Conductor cross section AWG/kcmil max                                                   | 10                   |
| 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.              | 4 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.                 | 4 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.                                        | 1.5 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.                                     | 1.5 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.   | 1.5 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. | 1.5 mm <sup>2</sup>  |
| Connection method                                                                       | Screw connection     |
| Stripping length                                                                        | 8 mm                 |
| Internal cylindrical gage                                                               | A4                   |
| Screw thread                                                                            | M3                   |
| Tightening torque, min                                                                  | 0.6 Nm               |

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## Technical data

### Connection data

|                       |        |
|-----------------------|--------|
| Tightening torque max | 0.8 Nm |
|-----------------------|--------|

## Classifications

### ETIM

|          |          |
|----------|----------|
| ETIM 2.0 | EC001283 |
| ETIM 3.0 | EC001283 |
| ETIM 4.0 | EC001283 |
| ETIM 5.0 | EC001283 |

### UNSPSC

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

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141131 |
| eCl@ss 4.1 | 27141131 |
| eCl@ss 5.0 | 27141134 |
| eCl@ss 5.1 | 27141134 |
| eCl@ss 6.0 | 27141134 |
| eCl@ss 7.0 | 27141134 |

## Approvals

### Approvals

#### Approvals

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

#### Ex Approvals

#### Approvals submitted

## Feed-through terminal block - VDFK 4 - 0708250

### Approvals

#### Approval details

| CSA  |       |       |
|---------------------------------------------------------------------------------------|-------|-------|
|                                                                                       | B     | D     |
| mm²/AWG/kcmil                                                                         | 28-10 | 28-10 |
| Nominal current I <sub>N</sub>                                                        | 30 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                        | 300 V | 300 V |

| UL Recognized  |       |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|-------|
|                                                                                                 | B     | C     | D     |
| mm²/AWG/kcmil                                                                                   | 30-10 | 30-10 | 30-10 |
| Nominal current I <sub>N</sub>                                                                  | 30 A  | 30 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 300 V | 150 V | 300 V |

| KEMA-KEUR  |       |
|-----------------------------------------------------------------------------------------------|-------|
|                                                                                               |       |
| mm²/AWG/kcmil                                                                                 | 4     |
| Nominal current I <sub>N</sub>                                                                | 32 A  |
| Nominal voltage U <sub>N</sub>                                                                | 500 V |

| cUL Recognized  |       |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|-------|
|                                                                                                    | B     | C     | D     |
| mm²/AWG/kcmil                                                                                      | 30-10 | 30-10 | 30-10 |
| Nominal current I <sub>N</sub>                                                                     | 30 A  | 30 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 150 V | 300 V |

|     |
|-----|
| PRS |
|-----|

## Feed-through terminal block - VDFK 4 - 0708250

### Approvals

|                                                                                                   |       |
|---------------------------------------------------------------------------------------------------|-------|
| IECEE CB Scheme  |       |
| mm <sup>2</sup> /AWG/kcmil                                                                        | 4     |
| Nominal current I <sub>N</sub>                                                                    | 32 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 500 V |

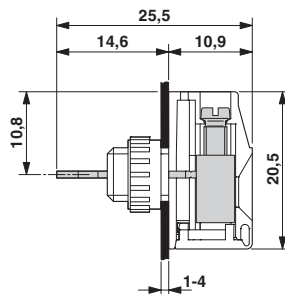
|                                                                                        |
|----------------------------------------------------------------------------------------|
| GOST  |
|----------------------------------------------------------------------------------------|

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

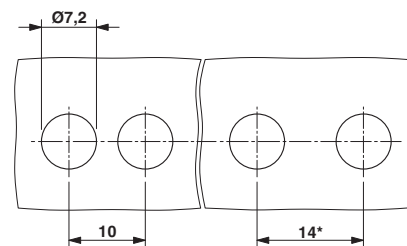
|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|------------------------------------------------------------------------------------------------------|

### Drawings

Dimensioned drawing



Dimensioned drawing



\* Dimensions when using the DP-VDFK 4/4 spacer plate