

Panel feed-through terminal block - VDFK 6/K - 0711056

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Panel feed-through terminal block, Connection method: Screw connection, Solder connection, Load current : 57 A, Cross section: 0.2 mm² - 10 mm², AWG 24 - 8, 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
- Universal screw connection with screw locking
- Spacer plates increase clearances and creepage distances
- Strain relief can be snapped on as an option



Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 pc |
| GTIN |  4 017918 117177 |
| Weight per Piece (excluding packing) | 7.9 g |
| Custom tariff number | 85369010 |
| Country of origin | Poland |

Technical data

General

| | |
|--|-------------------|
| Number of levels | 1 |
| Number of connections | 2 |
| Nominal cross section | 6 mm ² |
| Color | gray |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |

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Technical data

General

| | |
|----------------------------------|---------------|
| Rated surge voltage | 6 kV |
| Pollution degree | 3 |
| Overvoltage category | III |
| Insulating material group | I |
| Connection in acc. with standard | IEC 60947-7-1 |
| Nominal current I_N | 41 A |
| Maximum load current | 57 A |
| Nominal voltage U_N | 500 V |
| Open side panel | nein |
| Number of positions | 1 |

Dimensions

| | |
|-----------------|---------------|
| Width | 10 mm |
| Length | 30.2 mm |
| Plate thickness | 1 mm ... 4 mm |

Connection data

| | |
|---|----------------------|
| Connection side | Outside |
| Connection method | Screw connection |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section flexible min. | 0.2 mm ² |
| Conductor cross section flexible max. | 6 mm ² |
| Conductor cross section AWG min. | 24 |
| Conductor cross section AWG max. | 8 |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 6 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 6 mm ² |
| 2 conductors with same cross section, solid min. | 0.2 mm ² |
| 2 conductors with same cross section, solid max. | 4 mm ² |
| 2 conductors with same cross section, stranded min. | 0.2 mm ² |
| 2 conductors with same cross section, stranded max. | 4 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min. | 0.25 mm ² |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max. | 2.5 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm ² |

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Technical data

Connection data

| | |
|---|-------------------|
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm ² |
| Stripping length | 9 mm |
| Internal cylindrical gage | A5 |
| Screw thread | M4 |
| Tightening torque, min | 1.5 Nm |
| Tightening torque max | 1.8 Nm |
| Connection side | Inside |
| Connection method | Solder connection |

Standards and Regulations

| | |
|--|---------------|
| Connection in acc. with standard | CSA |
| | IEC 60947-7-1 |
| Flammability rating according to UL 94 | V0 |

Classifications

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 |
| eCl@ss 8.0 | 27141134 |

ETIM

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

UNSPSC

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

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Approvals

Approvals


Approvals


CSA / UL Recognized / KEMA-KEUR / cUL Recognized / IEC EE CB Scheme / EAC / cULus Recognized


Ex Approvals

Approvals submitted

Approval details

| | | | |
|--|-------|-------|-------|
| CSA  | | | |
| | B | C | D |
| mm ² /AWG/kcmil | 26-8 | 26-8 | 26-8 |
| Nominal current I _N | 50 A | 50 A | 10 A |
| Nominal voltage U _N | 300 V | 150 V | 300 V |

| | | | |
|---|-------|-------|-------|
| UL Recognized  | | | |
| | B | C | D |
| mm ² /AWG/kcmil | 26-8 | 26-8 | 26-8 |
| Nominal current I _N | 50 A | 50 A | 10 A |
| Nominal voltage U _N | 300 V | 150 V | 300 V |

| | | |
|---|-------|--|
| KEMA-KEUR  | | |
| | | |
| mm ² /AWG/kcmil | 6 | |
| Nominal current I _N | 41 A | |
| Nominal voltage U _N | 500 V | |

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Approvals

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

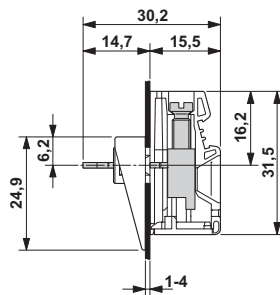
| | |
|--------------------------------|-------|
| IECEE CB Scheme | |
| mm ² /AWG/kcmil | 6 |
| Nominal current I _N | 41 A |
| Nominal voltage U _N | 500 V |

EAC

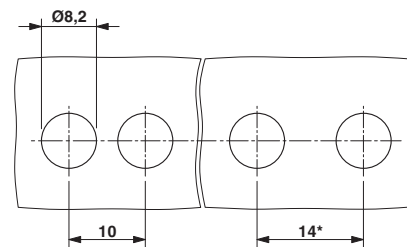
| |
|------------------|
| cULus Recognized |
|------------------|

Drawings

Dimensional drawing



Dimensional drawing



* Dimensions when using the DP-VDFK 6/4 spacer plate