

## 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 mm<sup>2</sup> - 10 mm<sup>2</sup>, AWG 24 - 8, 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
- Terminal blocks can be grouped
- Universal screw connection with screw locking
- Spacer plates increase air and creepage distances
- Strain relief can be snapped on as an option



### Key commercial data

Packing unit	50 pc
GTIN	 4 017918 117177
Weight per Piece (excluding packing)	7.95 g
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
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

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## Technical data

### General

Nominal current $I_N$	41 A
Nominal voltage $U_N$	500 V
Open side panel	nein
Number of positions	1

### Dimensions

Width	10 mm
Length	30.2 mm

### Connection data

Connection side	Outside
Connection method	Screw connection
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>
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

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## 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

## Approvals

### Approvals

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#### Approvals

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

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#### Ex Approvals

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#### Approvals submitted

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### Approval details

CSA	B	C	D
	mm <sup>2</sup> /AWG/kcmil	26-8	26-8

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## Approvals

	B	C	D
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
Nominal current IN	50 A	50 A	10 A
Nominal voltage UN	300 V	150 V	300 V

KEMA-KEUR

mm <sup>2</sup> /AWG/kcmil	6
Nominal current IN	41 A
Nominal voltage UN	500 V

cUL Recognized

	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

IECEE CB Scheme

mm <sup>2</sup> /AWG/kcmil	6
Nominal current IN	41 A
Nominal voltage UN	500 V

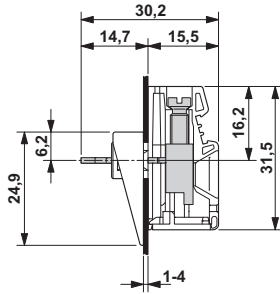
EAC

cULus Recognized

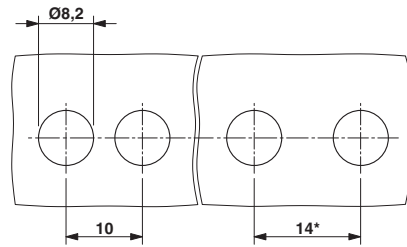
## Drawings

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

Dimensioned drawing



Dimensioned drawing



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