

## Panel feed-through terminal block - VDFK 4/K-DP - 0709220

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Panel feed-through terminal block, Connection method: Screw connection, Solder 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

The illustration shows version VDFK 4/K in gray

### Product Features

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



### Key commercial data

Packing unit	1 1
Weight per Piece (excluding packing)	5.06 GRM
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

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### Technical data

#### General

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
Number of positions	1

#### Dimensions

Width	10 mm
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#### 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.	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>
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

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## Technical data

### Connection data

Connection side	Inside
Connection method	Solder connection

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

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#### Ex Approvals


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## Approvals


Approvals submitted

### Approval details

CSA 	
mm <sup>2</sup> /AWG/kcmil	28-10
Nominal current I <sub>N</sub>	30 A
Nominal voltage U <sub>N</sub>	300 V

CSA 			
		B	D
mm <sup>2</sup> /AWG/kcmil	28-10	28-10	28-10
Nominal current I <sub>N</sub>	30 A	30 A	10 A
Nominal voltage U <sub>N</sub>	300 V	300 V	300 V

UL Recognized 			
	B	C	D
mm <sup>2</sup> /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 	
mm <sup>2</sup> /AWG/kcmil	4
Nominal current I <sub>N</sub>	32 A
Nominal voltage U <sub>N</sub>	500 V

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## Approvals

cUL Recognized

	B	C	D
mm <sup>2</sup> /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

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

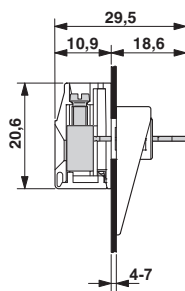
GOST

GOST

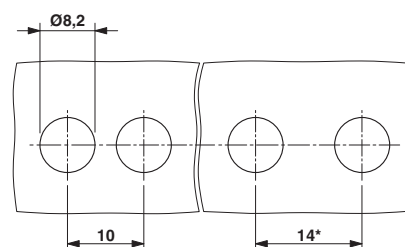
cULus Recognized

## Drawings

Dimensioned drawing



Dimensioned drawing





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