

# 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
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### 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

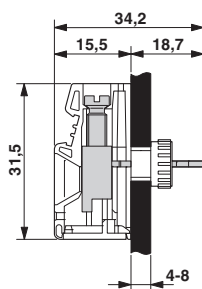
IECEE CB Scheme	
mm <sup>2</sup> /AWG/kcmil	6
Nominal current I <sub>N</sub>	41 A
Nominal voltage U <sub>N</sub>	500 V

GOST
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cULus Recognized
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## Drawings

Dimensioned drawing



Dimensioned drawing

