

Panel feed-through terminal block - VDFK 6/K-DP - 0711043

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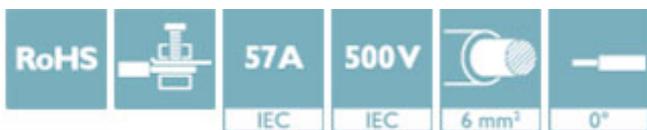


Panel feed-through terminal block, connection method: Screw connection, Solder connection, number of positions: 1, load current: 57 A, cross section: 0.2 mm² - 10 mm², AWG 24 - 8, connection direction of the conductor to plug-in direction: 0 °, width: 10 mm, color: gray

The figure shows version VDFK 6/K in gray

Why buy this product

- Easy fixing using plastic knurled nut or quick mounting wedge
- Touch-proof insulating housing
- Spacer plates increase clearances and creepage distances
- Terminal blocks can be grouped
- Universal screw connection with screw locking
- Strain relief can be snapped on as an option



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 117160
GTIN	4017918117160

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
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage 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	41 A
Maximum load current	57 A
Nominal voltage U_N	500 V
Open side panel	No
Number of positions	1

Dimensions

Width	10 mm
Pitch	10 mm
Plate thickness	4 mm ... 8 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
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

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Technical data

Connection data

Connection side	inside
Connection method	Solder connection

Standards and Regulations

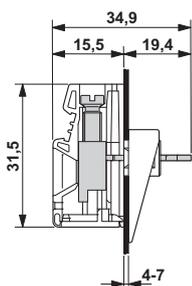
Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

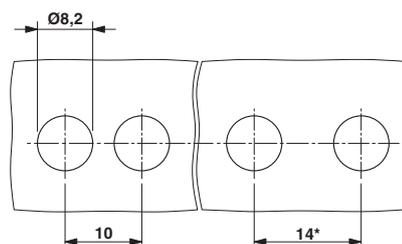
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



Dimensional drawing



Approvals

Approvals

Approvals

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

Ex Approvals

Approval details

CSA		http://www.csagroup.org/services-industries/product-listing/	13631
	D	B	C
Nominal voltage UN	300 V	300 V	150 V

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Approvals

	D	B	C
Nominal current IN	10 A	50 A	50 A
mm ² /AWG/kcmil	26-8	26-8	26-8

KEMA-KEUR		http://www.dekra-certification.com	2169260.01
Nominal voltage UN		500 V	
Nominal current IN		41 A	
mm ² /AWG/kcmil		6	

IECEE CB Scheme		http://www.iecee.org/	NL-29947
Nominal voltage UN		500 V	
Nominal current IN		41 A	
mm ² /AWG/kcmil		6	

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427
	D	B	C
Nominal voltage UN	300 V	300 V	150 V
Nominal current IN	10 A	50 A	50 A
mm ² /AWG/kcmil	26-8	26-8	26-8

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