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

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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

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 clearances and creepage distances
- Strain relief can be snapped on as an option

Key Commercial Data

Packing unit	50 STK
GTIN	4 017918 117177
GTIN	4017918117177
Weight per Piece (excluding packing)	7.940 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	6 mm²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Rated surge voltage	6 kV

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Technical data

General

Degree of pollution	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	No
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 mm²
Conductor cross section solid max.	10 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	6 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	8
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule without plastic sleeve max.	6 mm²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm²
2 conductors with same cross section, solid min.	0.2 mm²
2 conductors with same cross section, solid max.	4 mm²
2 conductors with same cross section, stranded min.	0.2 mm²
2 conductors with same cross section, stranded max.	4 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	4 mm²
Stripping length	9 mm
Internal cylindrical gage	A5
Screw thread	M4

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Technical data

Connection data

Tightening torque, min	1.5 Nm
Tightening torque max	1.8 Nm
Connection side	Inside
Connection method	Solder connection

Standards and Regulations

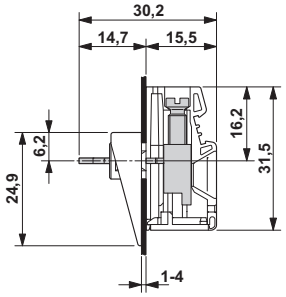
Connection in acc. with standard	CSA
	IEC 60947-7-1
Flammability rating according to UL 94	V0

Environmental Product Compliance

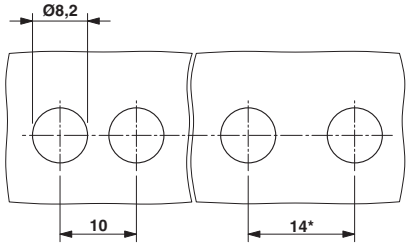
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

Dimensional drawing



Dimensional drawing



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

Approvals

Approvals

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

Ex Approvals

Approval details

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Approvals

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631

	B	C	D
mm²/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		http://www.dekra-certification.com	2169260.01

mm²/AWG/kcmil	6
Nominal current IN	41 A
Nominal voltage UN	500 V

IECEE CB Scheme		http://www.iecee.org/	NL-29947

mm²/AWG/kcmil	6
Nominal current IN	41 A
Nominal voltage UN	500 V

EAC		B.01742

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19770427

	B	C	D
mm²/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