



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Feed-through terminal block - VDFK 6-DP - 0711014

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Feed-through terminal block, Connection method: Screw connection, Load current : 57 A, Cross section: 0.2 mm² - 10 mm², 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 mm² - 10 mm², 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
-------	-------

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 _N	41 A
Nominal voltage U _N	500 V

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	10 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	6 mm ²
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 ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	6 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, 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
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

Feed-through terminal block - VDFK 6-DP - 0711014

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 / IECCE CB Scheme / GOST / cULus Recognized

Certification EX

Certification submitted

Approval details

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

Feed-through terminal block - VDFK 6-DP - 0711014

Approvals

	B	C	D
Nominal current I _N	50 A	50 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

KEMA-KEUR	
mm ² /AWG/kcmil	6
Nominal current I _N	41 A
Nominal voltage U _N	500 V

cUL Recognized			
	B	C	D
mm ² /AWG/kcmil	26-8	26-8	26-8
Nominal current I _N	50 A	50 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

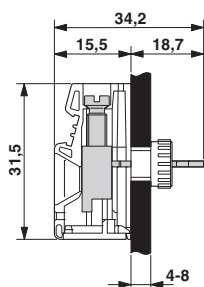
IECEE CB Scheme	
mm ² /AWG/kcmil	6
Nominal current I _N	41 A
Nominal voltage U _N	500 V

GOST

cULus Recognized

Drawings

Dimensioned drawing



Dimensioned drawing

