

# Feed-through terminal block - VDFK 4 - 0708250

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 : 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

## Product description

Feed-through terminal block, Connection method: Screw 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

## Why buy this product

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



## Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 697 (CC-2011)
GTIN	 4 017918 004576
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	4.0 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

### Dimensions

Width	10 mm
-------	-------

# Feed-through terminal block - VDFK 4 - 0708250

## Technical data

### Dimensions

Length	25.5 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 <sub>N</sub>	32 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.	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>
Connection method	Screw connection
Stripping length	8 mm
Internal cylindrical gage	A4
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm

# Feed-through terminal block - VDFK 4 - 0708250

## 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 / PRS / IECCEB Scheme / GOST / cULus Recognized

#### Certification EX

#### Certification submitted

### Approval details

CSA		
	B	D
mm <sup>2</sup> /AWG/kcmil	28-10	28-10
Nominal current IN	30 A	10 A
Nominal voltage UN	300 V	300 V

UL Recognized			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	30-10	30-10	30-10

# Feed-through terminal block - VDFK 4 - 0708250

## Approvals

	B	C	D
Nominal current IN	30 A	30 A	10 A
Nominal voltage UN	300 V	150 V	300 V

KEMA-KEUR	
mm <sup>2</sup> /AWG/kcmil	4
Nominal current IN	32 A
Nominal voltage UN	500 V

cUL Recognized			
	B	C	D
mm <sup>2</sup> /AWG/kcmil	30-10	30-10	30-10
Nominal current IN	30 A	30 A	10 A
Nominal voltage UN	300 V	150 V	300 V

PRS
-----

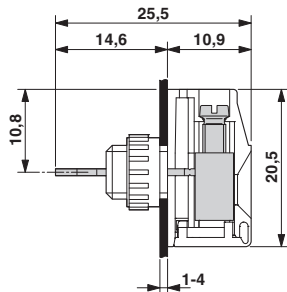
IECEE CB Scheme	
mm <sup>2</sup> /AWG/kcmil	4
Nominal current IN	32 A
Nominal voltage UN	500 V

GOST
------

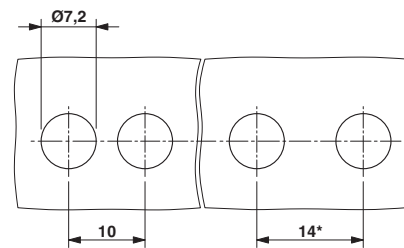
cULus Recognized
------------------

## Drawings

Dimensioned drawing



Dimensioned drawing



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

## Данный компонент на территории Российской Федерации

### Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9