

Feed-through terminal block - VDFK 6 - 0711027

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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

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
- ☒ Terminal blocks can be grouped
- ☒ Strain relief can be snapped on as an option
- ☒ Universal screw connection with screw locking
- ☒ Spacer plates increase air and creepage distances



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 699 (CC-2011)
GTIN	 4 017918 005351
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	7.1 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 - 0711027

Technical data

Dimensions

Width	10 mm
Length	30.2 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

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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 / PRS / IECCEB 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 I _N	50 A	50 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

UL Recognized			
	B	C	D
mm ² /AWG/kcmil	26-8	26-8	26-8

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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

PRS

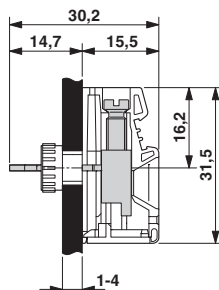
IECEE CB Scheme	
mm ² /AWG/kcmil	6
Nominal current I _N	41 A
Nominal voltage U _N	500 V

GOST

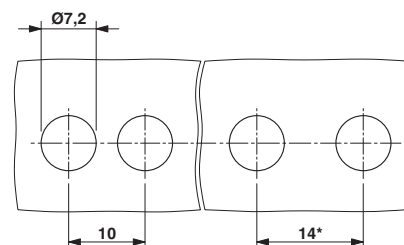
cULus Recognized

Drawings

Dimensioned drawing



Dimensioned drawing



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