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Panel feed-through terminal block, Connection method: Screw connection, Solder connection, 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

Product Features

- ☑ Easy fixing using plastic knurled nut or quick mounting wedge
- ▼ Touch-proof insulating housing

- Universal screw connection with screw locking



Key Commercial Data

Packing unit	1 pc
GTIN	4 017918 005351
Weight per Piece (excluding packing)	7.25 g
Custom tariff number	85369010
Country of origin	Poland

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



Technical data

General

Rated surge voltage	6 kV
Pollution degree	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	nein
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 mm ²
Conductor cross section flexible min.	0.2 mm²
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 mm²
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 mm²
Conductor cross section flexible, with ferrule with plastic sleeve max.	6 mm ²
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 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



Technical data

Connection data

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
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

Classifications

eCl@ss

eCl@ss 4.0	27141131
eCl@ss 4.1	27141131
eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27141134
eCl@ss 7.0	27141134
eCl@ss 8.0	27141134

ETIM

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001283
ETIM 5.0	EC001283

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

mm²/AWG/kcmil

Nominal current IN

Nominal voltage UN



Panel feed-through terminal block - VDFK 6 - 0711027

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / PRS / IECEE CB Scheme / EAC / cULus Recognized				
CSA / UL Recognized / KEMA-KEUR / cUL Recognized / PRS / IECEE CB Scheme / EAC / cULus Recognized	Approvals			
Approval details CSA B	Approvals			
CSA	CSA / UL Recognized / KEMA	-KEUR / cUL Recognized / PRS	/ IECEE CB Scheme / EAC / cULus F	Recognized
CSA	Ex Approvals			
CSA	Approvals submitted			
mm²/AWG/kcmil 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 mm²/AWG/kcmil 26-8 26-8 26-8 Nominal current IN 50 A 50 A 10 A	Approval details			
B				
B	CSA 1			
Nominal current IN 50 A 50 A 10 A		В	С	D
Nominal voltage UN	mm²/AWG/kcmil	26-8	26-8	26-8
UL Recognized B	Nominal current IN	50 A	50 A	10 A
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
B C D mm²/AWG/kcmil 26-8 26-8 26-8 Nominal current IN 50 A 50 A 10 A				
B C D mm²/AWG/kcmil 26-8 26-8 26-8 Nominal current IN 50 A 50 A 10 A				
B C D mm²/AWG/kcmil 26-8 26-8 26-8 Nominal current IN 50 A 50 A 10 A				
Nominal current IN 50 A 50 A 10 A	UL Recognized \$\)			
	UL Recognized \$\)	В	C	D
	mm²/AWG/kcmil	26-8	26-8	26-8
	mm²/AWG/kcmil Nominal current IN	26-8 50 A	26-8 50 A	26-8 10 A
	mm²/AWG/kcmil Nominal current IN	26-8 50 A	26-8 50 A	26-8 10 A

6

41 A

500 V



Approvals

cUL Recognized			
	В	С	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

PRS

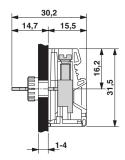
IECEE CB Scheme CB	
mm²/AWG/kcmil	6
Nominal current IN	41 A
Nominal voltage UN	500 V

EAC

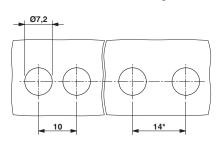
cULus Recognized • **\$1**0s

Drawings

Dimensional drawing



Dimensional drawing



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