

https://www.phoenixcontact.com/cn/products/0706016



Panel feed-through terminal block - DFK-2,8 - 0706016


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Panel feed-through terminal block, Connection method: Screw connection, Solder/Slip-on connection, Cross section: 0.2 mm² - 4 mm², AWG 24 - 12, Width: 6.1 mm, Color: gray

RoHS

Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 003678
GTIN	4017918003678
Custom tariff number	8536909000
Sales Key	AABBDA

Technical data

General

Number of levels	1
Number of connections	2
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V2
Rated surge voltage	4 kV
Degree of pollution	3
Overvoltage category	III
Insulating material group	I
Connection in acc. with standard	IEC / EN
Nominal current I _N	17.5 A
	as of
Nominal voltage U _N	400 V
Open side panel	No

<https://www.phoenixcontact.com/cn/products/0706016>

Panel feed-through terminal block - DFK-2,8 - 0706016

Technical data

General

Number of positions	0
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Dimensions

Width	6.1 mm
Plate thickness	1.5 mm

Connection data

Connection side	Level 1 ext. 1
Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	4 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	1.5 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.	1 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.	2.5 mm ²
Stripping length	9 mm
Internal cylindrical gage	A3
Screw thread	M3
Tightening torque, min	0.6 Nm
Tightening torque max	0.8 Nm
Connection side	Level 1 int. 1
Connection method	Solder/Slip-on connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section AWG min.	24

Panel feed-through terminal block - DFK-2,8 - 0706016

Technical data

Connection data

Conductor cross section AWG max.	16
Internal cylindrical gage	A3
Slip-on connection	2.8/4.8 x 0.8 mm

Standards and Regulations

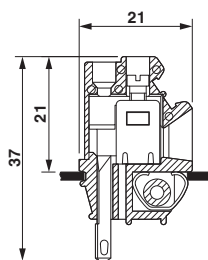
Connection in acc. with standard	CSA
	IEC / EN
	IEC / EN
Flammability rating according to UL 94	V2

Environmental Product Compliance

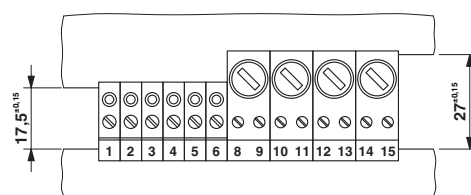
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Dimensional drawing



Dimensional drawing



Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / PRS / EAC / cULus Recognized

Ex Approvals


Approval details


<https://www.phoenixcontact.com/cn/products/0706016>




Panel feed-through terminal block - DFK-2,8 - 0706016


Approvals

CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
mm ² /AWG/kcmil		22-12	
Nominal current IN		10 A	
Nominal voltage UN		300 V	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
mm ² /AWG/kcmil		28-12	
Nominal current IN		15 A	
Nominal voltage UN		300 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
mm ² /AWG/kcmil		28-12	
Nominal current IN		15 A	
Nominal voltage UN		300 V	

PRS		http://www.prs.pl/	TE/1825/880590/09
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EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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