

https://www.phoenixcontact.com/cn/products/1725012



PCB terminal block - MKKDS 1,5/ 2 - 1725012

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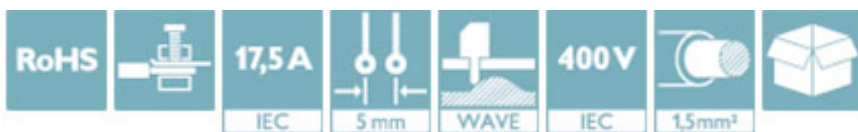


PCB terminal block, Nominal current: 17.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 2, Connection method: Screw connection with tension sleeve, Mounting: Wave soldering, Conductor/PCB connection direction: 0°, Color: green, The article can be aligned to create different nos. of positions!


The illustration shows a 4-position version

Why buy this product

- Well-known connection principle allows worldwide use
- Low temperature rise, thanks to maximum contact force
- Allows connection of two conductors
- Conductor connection on several levels enables higher contact density
- The latching on the side enables various numbers of positions to be combined



Key Commercial Data

Packing unit	100 STK
GTIN	 4 017918 025267
GTIN	4017918025267
Custom tariff number	8536901900
Sales Key	AAABEA

Technical data

Dimensions

Length	21.4 mm
Pitch	5 mm
Dimension a	5 mm
Width	12.5 mm
Constructional height	25.2 mm
Height	28.7 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,9 x 0,9 mm

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Technical data

Dimensions

Hole diameter	1.3 mm
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General

Range of articles	MKKDS 1,5
Insulating material group	I
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	17.5 A
Nominal cross section	1.5 mm ²
Maximum load current	22 A (with a 2.5 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A1
Stripping length	7 mm
Number of positions	2
Screw thread	M3
Tightening torque, min	0.5 Nm
Tightening torque max	0.6 Nm

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.14 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	1 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.	1.5 mm ²
Conductor cross section AWG min.	26
Conductor cross section AWG max.	14
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	1 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.75 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.25 mm ²

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Technical data

Connection data

2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	0.5 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.	0.5 mm ²

Standards and Regulations

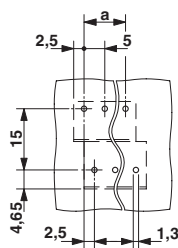
Connection in acc. with standard	EN-VDE
	CSA
Flammability rating according to UL 94	V0

Environmental Product Compliance

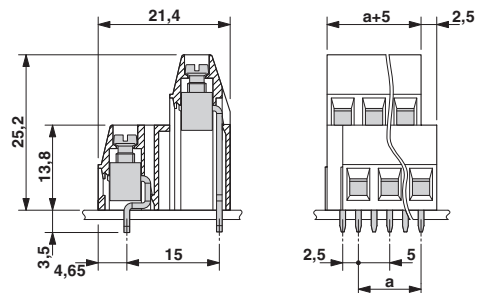
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Drilling diagram



Dimensional drawing



Approvals

Approvals

Approvals

CSA / UL Recognized / SEV / cUL Recognized / CCA / EAC / cULus Recognized

Ex Approvals

Approval details


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Approvals


CSA		http://www.csagroup.org/services/testing-and-certification/certified-product-listing/	13631
	B	D	
mm ² /AWG/kcmil	28-14	28-14	
Nominal current IN	10 A	10 A	
Nominal voltage UN	300 V	300 V	

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm ² /AWG/kcmil	30-14	30-14	
Nominal current IN	10 A	10 A	
Nominal voltage UN	125 V	300 V	

SEV		https://www.electrosuisse.ch/en/meta/shop/product-certificates.html	IK-3248
mm ² /AWG/kcmil	2.5		
Nominal current IN	24 A		
Nominal voltage UN	250 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	D	
mm ² /AWG/kcmil	30-14	30-14	
Nominal current IN	10 A	10 A	
Nominal voltage UN	125 V	300 V	

CCA		IK-3249
mm ² /AWG/kcmil	2.5	
Nominal voltage UN	250 V	

EAC		B.01742
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Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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