

https://www.phoenixcontact.com/cn/products/1907539



PCB terminal block - ZFKDS 4-10 - 1907539

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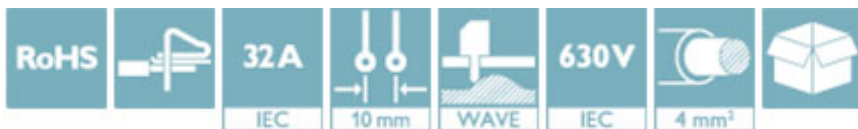


PCB terminal block, Nominal current: 32 A, Nom. voltage: 630 V, Pitch: 10 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45°, Color: green, The article can be aligned to create different nos. of positions!


The figure shows a 5-pos. version of the product

Why buy this product

- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Separate bridge shaft for easily connecting multiple positions to jumpers
- ✓ Quick and convenient testing using integrated test option



Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	 4 017918 193904
GTIN	4017918193904
Custom tariff number	8536909000
Sales Key	AABBAA

Technical data

Dimensions

Length	29 mm
Pitch	10 mm
Width	11.5 mm
Constructional height	23 mm
Height	27.6 mm
Length of the solder pin	4.6 mm
Pin dimensions	1 x 1,4 mm
Pin spacing	12.5 mm

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Technical data

Dimensions

Hole diameter	1.8 mm
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General

Range of articles	ZFKDS(A) 4
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	630 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	32 A
Nominal cross section	4 mm ²
Maximum load current	32 A (with 4 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	10 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	4 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.	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.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	10

Standards and Regulations

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

Environmental Product Compliance

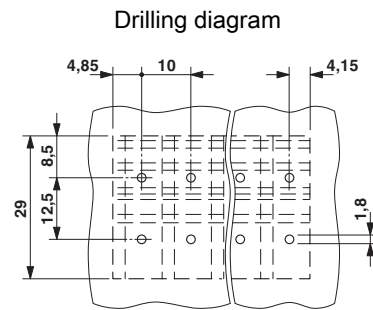
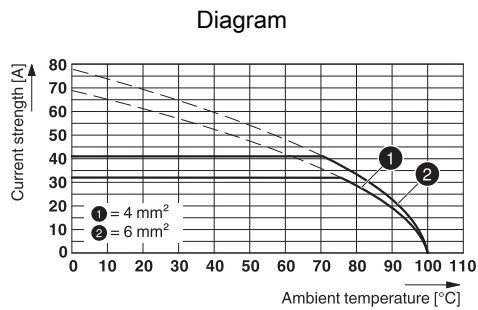
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Drawings



Type: ZFKDS 4-10

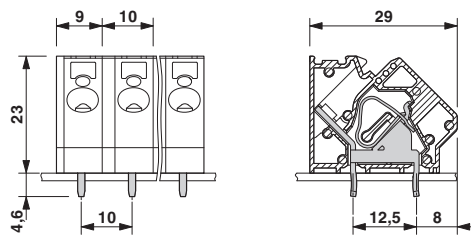
Test according to DIN EN 60947-7-4 (VDE 0611-7-4):2014-08

Illustration according to DIN EN 60512-5-2:2003-01

Reduction factor = 1

Number of positions: 4

Dimensional drawing



Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
mm²/AWG/kcmil	24-10	24-10	24-10
Nominal current I _N	30 A	30 A	5 A


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Approvals


	B	C	D
Nominal voltage UN	300 V	300 V	600 V

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B	C	D
mm ² /AWG/kcmil	24-10	24-10	24-10
Nominal current IN	30 A	30 A	5 A
Nominal voltage UN	300 V	300 V	600 V

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40036082
	B	C	D
mm ² /AWG/kcmil		0.2-4	
Nominal current IN		32 A	
Nominal voltage UN		630 V	

IECEE CB Scheme		http://www.iecee.org/	DE-51234
	B	C	D
mm ² /AWG/kcmil		0.2-4	
Nominal current IN		32 A	
Nominal voltage UN		630 V	

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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