

# PCB terminal block - ZFKDSA 2,5-5,08- 5 NZ175N2309 - 1756731

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

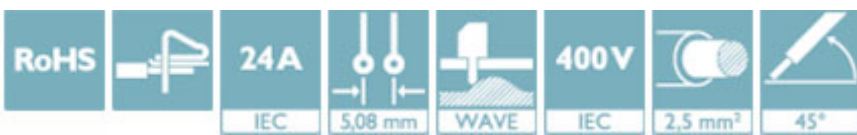


PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, pitch: 5.08 mm, number of positions: 5, connection method: Spring-cage connection, mounting: Wave soldering, conductor/PCB connection direction: 45°, color: green

The figure shows a 1-pos. version of the product

## Your advantages

- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Angled connection enables multi-row arrangement on the PCB
- ✓ The latching on the side enables various numbers of positions to be combined
- ✓ Two solder pins reduce the mechanical strain on the soldering spots



## Key Commercial Data

Packing unit	50 pc
GTIN	
GTIN	4046356337830

## Technical data

### Dimensions

Length [ l ]	16.85 mm
Pitch	5.08 mm
Dimension a	20.32 mm
Height	15 mm
Solder pin [P]	3.5 mm
Hole diameter	1.3 mm

### General

Range of articles	ZFKDS(A) 2,5
Insulating material group	I
Rated surge voltage (III/3)	4 kV

# PCB terminal block - ZFKDSA 2,5-5,08- 5 NZ175N2309 - 1756731

## Technical data

### General

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 <sub>N</sub>	24 A
Nominal cross section	2.5 mm <sup>2</sup>
Maximum load current	24 A
Insulating material	PA
Flammability rating according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Number of positions	5

### Connection data

Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

### Standards and Regulations

Connection in acc. with standard	EN-VDE
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

## Approvals

### Approvals

Approvals

EAC / cULus Recognized


Ex Approvals

### Approval details

EAC		B.01742
-----	---	---------

# PCB terminal block - ZFKDSA 2,5-5,08- 5 NZ175N2309 - 1756731

## Approvals

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-19941110
	D	B
Nominal voltage UN	300 V	250 V
Nominal current IN	10 A	10 A
mm <sup>2</sup> /AWG/kcmil	26-12	26-12

Phoenix Contact 2018 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[1756731](#)