

PCB terminal block - ZFKDS 2,5-5,08 THT - 1990245

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: 320 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: SMD/THT/THR, Conductor/PCB connection direction: 45 °, Color: black, Spring-cage printed circuit terminal block for through-hole reflow applications. Article can be aligned with various number of positions.

Why buy this product

- ✓ 5.08 mm pitch
- ✓ Two solder pins for a high level of stability on the PCB
- ✓ Modular design enables blocking for larger numbers of positions



Key commercial data

Packing unit	50 pc
Minimum order quantity	50 pc
GTIN	 4 017918 947538
Weight per Piece (excluding packing)	2.52 g
Custom tariff number	85369010
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	16.85 mm
Pitch	5.08 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.3 mm

General

Range of articles	ZFKDS 2,5-THT
Insulating material group	IIIa
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV

PCB terminal block - ZFKDS 2,5-5,08 THT - 1990245

Technical data

General

Rated voltage (III/3)	200 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	24 A
Nominal cross section	2.5 mm ²
Maximum load current	24 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Internal cylindrical gage	A3
Stripping length	7 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Classifications

eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643

PCB terminal block - ZFKDS 2,5-5,08 THT - 1990245

Classifications

ETIM

ETIM 5.0	EC002643
----------	----------

UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 		
	B	D
mm²/AWG/kcmil	26-12	26-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	250 V	300 V

cUL Recognized 		
	B	D
mm²/AWG/kcmil	26-12	26-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	250 V	300 V

EAC

PCB terminal block - ZFKDS 2,5-5,08 THT - 1990245

Approvals

cULus Recognized  US

Accessories

Accessories

Labeled terminal marker

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Marker for terminal blocks - SK 5,08/3,8: 0-9 - 0804303



Marker for terminal blocks, Card, white, labeled, Horizontal: Consecutive numbers 0 - 9, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Marker card - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker card, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Printed circuit board terminal

PCB terminal block - ZFKDS 2,5-5,08 THT - 1990245

Accessories

PCB terminal block - ZFKDS 2,5-5,08 L - 1905214



PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

PCB terminal block - ZFKDSA 2,5-6,08 R - 1905010



PCB terminal block, Nominal current: 24 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

Screwdriver tools

Screwdriver - SZF 1-0,6X3,5 - 1204517



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Terminal marking

Marker card - SK 5,08/3,8:UNBEDRUCKT - 0805412



Marker card, Card, white, unlabeled, can be labeled with: Marker pen, Mounting type: Adhesive, for terminal block width: 5.08 mm, Lettering field: 5.08 x 3.8 mm

Necessary add-on products

PCB terminal block - ZFKDSA 2,5-6,08 R THT - 1990258



PCB terminal block, Nominal current: 24 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: SMD/THT/THR, Conductor/PCB connection direction: 45 °, Color: black, Spring-cage PCB terminal block for through-hole reflow applications. The article can be aligned to create different nos. of positions! Right end terminal for ZFKDS 2,5-5,08 THT.

Additional products

PCB terminal block - ZFKDS 2,5-5,08 THT - 1990245

Accessories

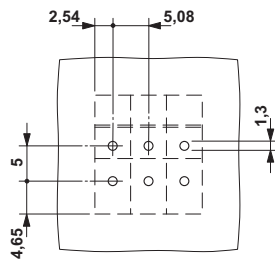
PCB terminal block - ZFKDS 2,5-5,08 L THT - 1990261



PCB terminal block, Nominal current: 24 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: SMD/THT/THR, Conductor/PCB connection direction: 45 °, Color: black, Spring-cage PCB terminal block for through-hole reflow applications. The article can be aligned to create different nos. of positions! Left end terminal for ZFKDS 2,5-5,08 THT.

Drawings

Drilling diagram



Dimensioned drawing

