

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

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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: THR soldering, 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

- 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
- Designed for integration into the SMT soldering process
- 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 STK
Minimum order quantity	50 STK
GTIN	
GTIN	4017918947538

Technical data

Dimensions

Length [l]	16.85 mm
Pitch	5.08 mm
Width [w]	5.08 mm
Constructional height	14.5 mm
Height [h]	18 mm
Solder pin [P]	3.5 mm
Pin dimensions	0,8 x 0,8 mm
Hole diameter	1.3 mm

General

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Technical data

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
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
Flammability rating 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 flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 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.	2.5 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.	24
Conductor cross section AWG max.	12

Standards and Regulations

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

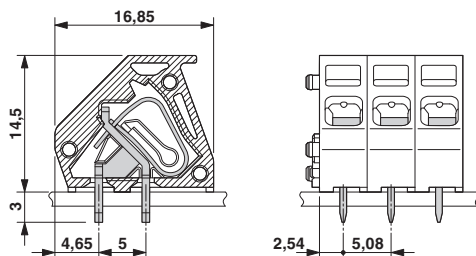
Environmental Product Compliance

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

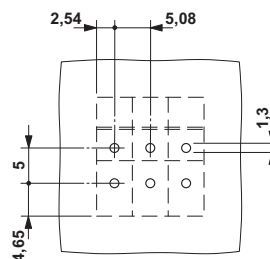
Drawings

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

Dimensional drawing



Drilling diagram



Approvals

Approvals

Approvals

EAC / cULus Recognized

Ex Approvals

Approval details

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-19941110
	D	B	
Nominal voltage UN	300 V	250 V	
Nominal current IN	10 A	10 A	
mm ² /AWG/kcmil	26-12	26-12	

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