

PCB connection terminal block - ZFKDS 2,5-5,08 - 1904969

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

Product Features

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

Key commercial data

package_quantity	50
GTIN	4017918188719

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(A) 2,5
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	24 A
Nominal cross section	2.5 mm ²
Maximum load current	24 A (with 2.5 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0

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Technical data

General

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
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	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
ETIM 5.0	EC002643

UNSPSC

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

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approvals

UL Recognized / cUL Recognized / cULus Recognized /

Approval details

UL Recognized		
Usegroups	B	D
Nominal voltage UN	250 V	300 V
Nominal current IN	10 A	10 A
mm ² /AWG/kcmil	26-12	26-12

cUL Recognized		
Usegroups	B	D
Nominal voltage UN	250 V	300 V
Nominal current IN	10 A	10 A
mm ² /AWG/kcmil	26-12	26-12

cULus Recognized		
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accessories

Labeled terminal marker

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



SK 5,08/3,8: 0-9 - 0804303



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accessories

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



Screwdriver tools

SZF 1-0,6X3,5 - 1204517



Printed circuit board terminal

ZFKDS 2,5-5,08 L - 1905214



ZFKDSA 2,5-6,08 R - 1905010



Terminal marking

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



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accessories

Marker pen

B-STIFT - 1051993



accessories

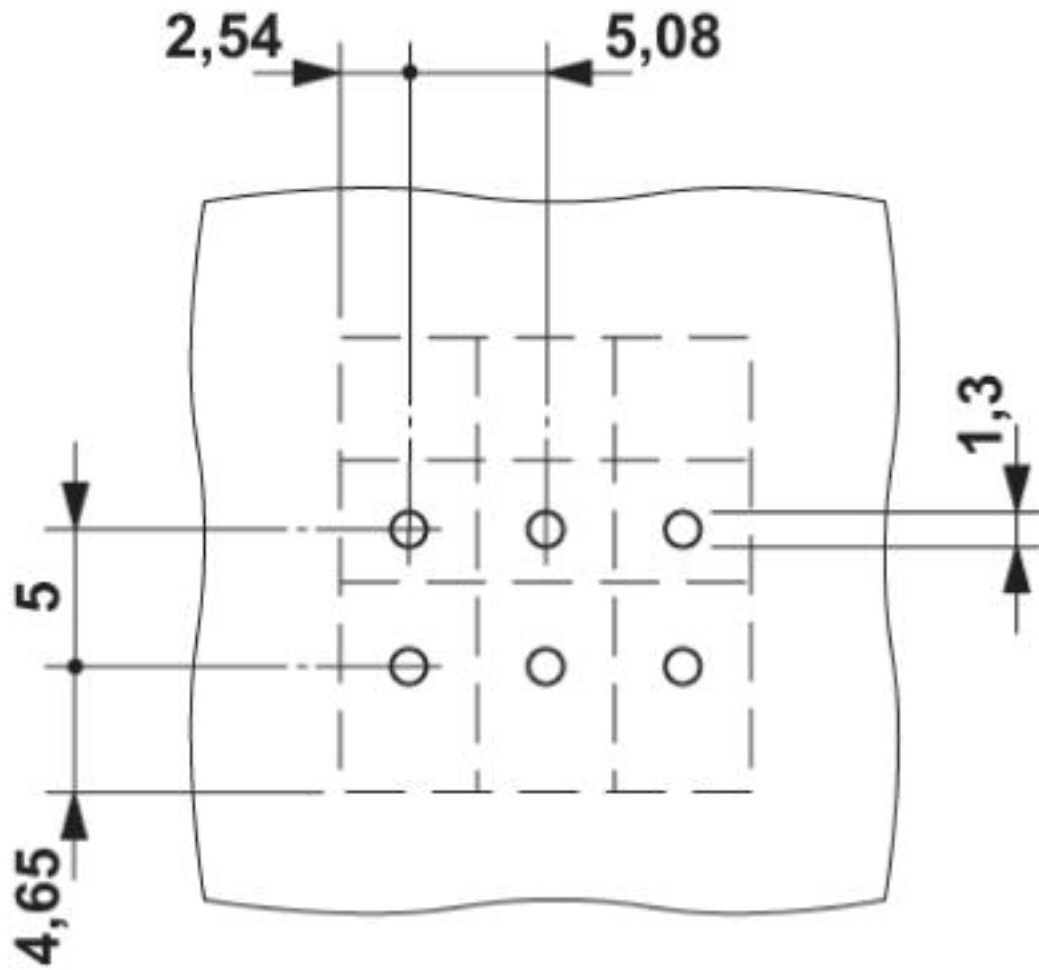
SK 5,08/3,8:SO - 0805085



Drawings

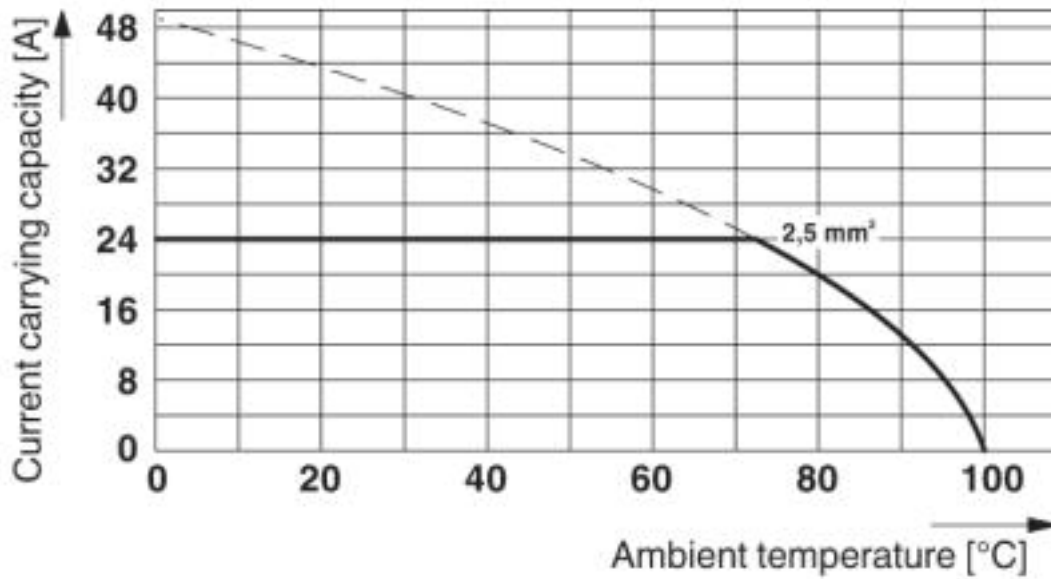
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Drilling diagram



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Diagram



Dimensioned drawing

