PCB terminal block - ZFKDS 1,5-5,08 - 1706701

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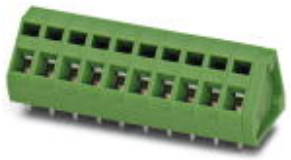

The illustration shows an 10-position version

PCB terminal block, Nominal current: 16 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!

Key commercial data

package_quantity	250
GTIN	4017918144739

Technical data

Dimensions

Length	16.9 mm
Pitch	5.08 mm
Pin dimensions	0,7 x 1 mm
Hole diameter	1.3 mm

General

Range of articles	ZFKDS(A) 1,5
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	16 A
Nominal cross section	1.5 mm²
Maximum load current	16 A (with 2.5 mm² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	7.5 mm
Number of positions	1

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Technical data

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	1.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	1.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14
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

approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / CCA / GOST / CCA / IECEE CB Scheme / GOST / cULus Recognized /

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approvals

Approval details

CSA

Usegroups	B	D
Nominal voltage UN	300 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	28-12	28-12

UL Recognized

Usegroups	B	D
Nominal voltage UN	250 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	26-12	26-12

KEMA-KEUR

Nominal voltage UN	250 V
Nominal current IN	
mm²/AWG/kcmil	1.5

cUL Recognized

Usegroups	B	D
Nominal voltage UN	250 V	300 V
Nominal current IN	10 A	10 A
mm²/AWG/kcmil	26-12	26-12

CCA

Nominal voltage UN	250 V
Nominal current IN	
mm²/AWG/kcmil	1.5

GOST

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approvals

Nominal voltage UN	250 V
Nominal current IN	
mm²/AWG/kcmil	1.5

IECEE CB Scheme

Nominal voltage UN	250 V
Nominal current IN	
mm²/AWG/kcmil	1.5

cULus Recognized

accessories

Labeled terminal marker

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

Screwdriver tools

SZF 1-0,6X3,5 - 1204517

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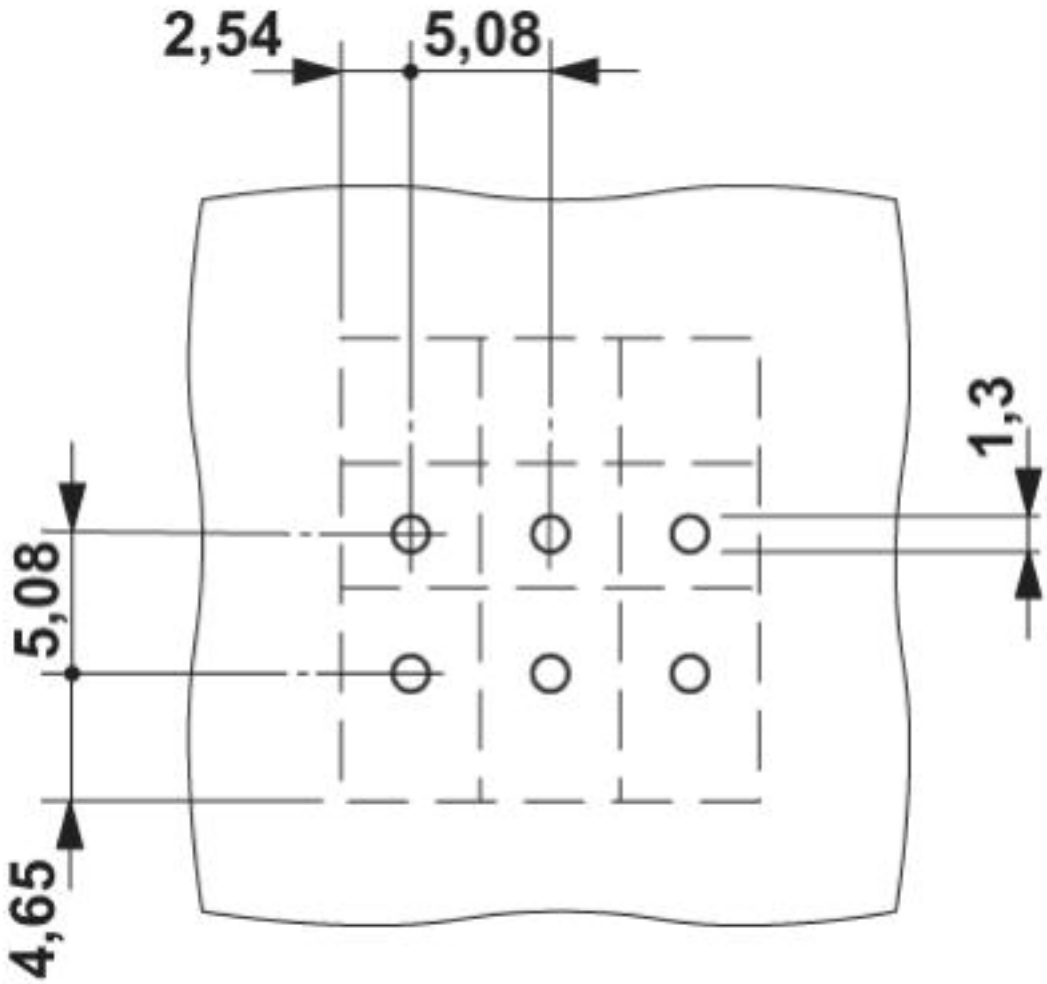
accessories

Pitch spacer

RZ-ZFKDS 1,5 - 1870666

Drawings

Drilling diagram



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Dimensioned drawing