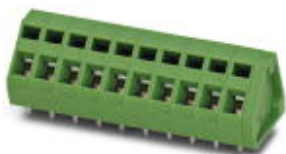


PCB terminal block - ZFKDS 1,5-5,08 - 1706701

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PCB terminal block, Nominal current: 16 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!




The illustration shows an 10-position version

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
- The latch 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	250 pc
Minimum order quantity	250 pc
GTIN	 4 017918 144739
Weight per Piece (excluding packing)	1.07 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Dimensions

Length	16.9 mm
Pitch	5.08 mm
Constructional height	15 mm
Length of the solder pin	3.5 mm
Pin dimensions	0,7 x 1 mm
Hole diameter	1.3 mm

General

Range of articles	ZFKDS(A) 1,5
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PCB terminal block - ZFKDS 1,5-5,08 - 1706701

Technical data

General

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 mm ²
Maximum load current	16 A (with a 2.5 mm ² conductor cross section)
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	7.5 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 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.	1.5 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.	14

Standards and Regulations

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

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

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

Classifications

eCl@ss

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

Approvals


Approvals

CSA / UL Recognized / KEMA-KEUR / cUL Recognized / CCA / CCA / IECCE CB Scheme / EAC / cULus Recognized

Ex Approvals


Approvals submitted


Approval details


CSA 	B	D	
	mm ² /AWG/kcmil	28-12	28-12
	Nominal current I _N	10 A	10 A
	Nominal voltage U _N	300 V	300 V

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

Approvals


UL Recognized 		
	B	D
mm ² /AWG/kcmil	26-12	26-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	250 V	300 V

KEMA-KEUR 	
mm ² /AWG/kcmil	1.5
Nominal voltage U _N	250 V

cUL Recognized 		
	B	D
mm ² /AWG/kcmil	26-12	26-12
Nominal current I _N	10 A	10 A
Nominal voltage U _N	250 V	300 V

CCA	
mm ² /AWG/kcmil	1.5
Nominal voltage U _N	250 V


CCA	
mm ² /AWG/kcmil	1.5
Nominal voltage U _N	250 V

IECEE CB Scheme 	
mm ² /AWG/kcmil	1.5
Nominal voltage U _N	250 V

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

Approvals

cULus Recognized 

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

Pitch spacer

Pitch spacer - RZ-ZFKDS 1,5 - 1870666



Pitch spacer, increases the pitch by 2.5 mm, interlocks with terminal block of the same shape

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

Necessary add-on products

PCB terminal block - ZFKDSA 1,5-7,62 - 1706727

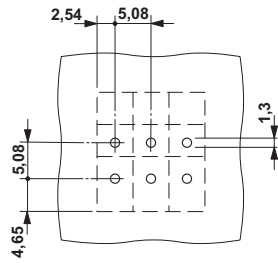


PCB terminal block, Nominal current: 16 A, Nom. voltage: 320 V, Pitch: 7.62 mm, Number of positions: 1, Connection method: Spring-cage connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green

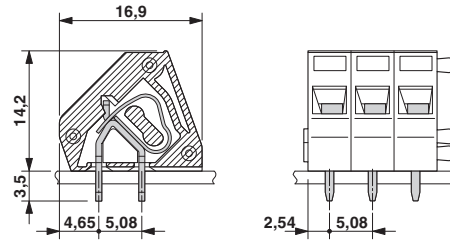
PCB terminal block - ZFKDS 1,5-5,08 - 1706701

Drawings

Drilling diagram



Dimensional drawing



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