

PCB terminal block - ZFKDSA 10-16,7 - 1987067

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 1000 V, Pitch: 15 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!

The figure shows a 5-pos. version of the product

Product Features

- ✓ Color coding of individual positions supported
- ✓ Fully insulated bridges (FBSK) with different numbers of positions, e.g., for potential distribution
- ✓ Integrated test connection
- ✓ 15 mm pitch for unlimited 600 V UL approval
- ✓ Optional mounting flange (FL) for safe mounting in the device
- ✓ PCB terminal blocks with spring-cage connection, up to 16 mm² conductor cross section

Key commercial data

package_quantity	50
GTIN	4017918973179

Technical data

Dimensions

Length	33.4 mm
Pitch	15 mm
Pin dimensions	1,2 x 1,4
Pin spacing	10 mm
Hole diameter	2.2 mm

General

Range of articles	ZFKDS(A) 10
Insulating material group	I
Rated surge voltage (III/3)	8 kV
Rated surge voltage (III/2)	8 kV
Rated surge voltage (II/2)	8 kV
Rated voltage (III/3)	1000 V (800 V when using the plug-in bridge)
Rated voltage (III/2)	1000 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	76 A

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Technical data

General

Nominal cross section	10 mm ²
Maximum load current	76 A
Insulating material	PA
Solder pin surface	Sn
Inflammability class according to UL 94	V0
Stripping length	12 mm
Number of positions	1

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	16 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	16 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.	10 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.	10 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	6
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	6

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

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classifications

UNSPSC

UNSPSC 11	39121432
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

approvals

UL Recognized / cUL Recognized / GOST / GOST / VDE Gutachten mit Fertigungsüberwachung / IECCE CB Scheme / cULus Recognized /

Approval details

UL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	65 A	65 A
mm²/AWG/kcmil	24-6	24-6

cUL Recognized 		
Usegroups	B	C
Nominal voltage UN	600 V	600 V
Nominal current IN	65 A	65 A
mm²/AWG/kcmil	24-6	24-6

GOST 



VDE Gutachten mit Fertigungsüberwachung 	
Nominal voltage UN	1000 V
Nominal current IN	76 A
mm²/AWG/kcmil	0.2-16

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approvals

IECEE CB Scheme 	
Nominal voltage UN	1000 V
Nominal current IN	76 A
mm ² /AWG/kcmil	0.2-16

cULus Recognized 
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Drawings

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