

PCB terminal block - ZFKDSA 10-11,7 - 1987054

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PCB terminal block, Nominal current: 76 A, Nom. voltage: 400 V, Pitch: 10 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 figure shows a 1-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

Packing unit	1 pc
Minimum order quantity	50 pc
GTIN	4 017918 973162
Weight per Piece (excluding packing)	11.66 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	33.4 mm
Pitch	10.00 mm

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Technical data

Dimensions

Constructional height	27 mm
Length of the solder pin	6.5 mm
Pin dimensions	1,2 x 1,4
Pin spacing	15 mm
Hole diameter	2.2 mm

General

Range of articles	ZFKDS(A) 10
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)	320 V
Rated voltage (III/2)	400 V
Rated voltage (II/2)	800 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	76 A
Nominal cross section	10 mm ²
Maximum load current	76 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating 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 flexible min.	0.2 mm ²
Conductor cross section flexible max.	16 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.	10 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.	10 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	6

Standards and Regulations

Connection in acc. with standard	EN-VDE
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Technical data

Standards and Regulations

	CUL
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
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	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

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UL Recognized / cUL Recognized / VDE Gutachten mit Fertigungsüberwachung / IECCEB Scheme / EAC / EAC / cULus Recognized

Ex Approvals

PCB terminal block - ZFKDSA 10-11,7 - 1987054

Approvals

Approvals submitted

Approval details

UL Recognized			
	B	C	D
mm ² /AWG/kcmil	24-6	24-6	24-6
Nominal current I _N	65 A	65 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

cUL Recognized			
	B	C	D
mm ² /AWG/kcmil	24-6	24-6	24-6
Nominal current I _N	65 A	65 A	10 A
Nominal voltage U _N	300 V	150 V	300 V

VDE Gutachten mit Fertigungsüberwachung	
mm ² /AWG/kcmil	0.2-16
Nominal current I _N	76 A
Nominal voltage U _N	320 V

IECEE CB Scheme

EAC

EAC

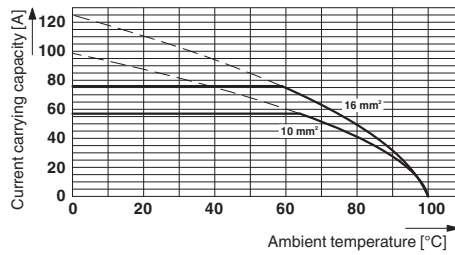
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Approvals



Drawings

Diagram



Type: ZFKDS 10-10,00 and ZFKDSA 10-11,7
Test following DIN EN 60512-5-2:2003-01
Reduction factor = 1
No. of positions: 5