PCB terminal block - ZFKDS 10-10,00 - 1986628

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The figure shows a 1-pos. version of the product

PC terminal block, Nominal current: 76 A, Nom. voltage: 400 V, Pitch: 10 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 description

PC terminal block, Nominal current: 76 A, Nom. voltage: 400 V, Pitch: 10 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!

Why buy this product

- Fully insulated bridges (FBSK) with different numbers of positions, e.g., for potential distribution
- Color coding of individual positions supported
- 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
Minimum order quantity	1
Catalog page	Page 395 (CC-2011)
GTIN	4 017918 973087
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	9.7 GRM
Country of origin	POLAND

Technical data

Dimensions / positions

Length	33.4 mm
Pitch	10 mm
Number of positions	1
Pin dimensions	1,2 x 1,4

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Technical data

Dimensions / positions

Pin spacing	10 mm
Hole diameter	2.2 mm

Technical data

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 IN	76 A
Nominal cross section	1 mm²
Maximum load current	76 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	12 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	65 A
Nominal voltage, UL/CUL Use Group C	150 V
Nominal current, UL/CUL Use Group C	65 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

Connection data

Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	16 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	16 mm²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.	10 mm²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.	10 mm²
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

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Classifications

eclass

eClass 4.0	27141109
eClass 4.1	27141109
eClass 5.0	27141190
eClass 5.1	27141190
eClass 6.0	27261101

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002643

unspsc

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

Approvals

Certificates

Certification

UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized

Certification EX

Certification submitted

Approval details

UL Recognized			
	B	C	D
mm²/AWG/kcmil	24-6	24-6	24-6
Nominal current IN	65 A	65 A	10 A
Nominal voltage UN	300 V	150 V	300 V

cUL Recognized			
	B	C	D
mm²/AWG/kcmil	24-6	24-6	24-6
Nominal current IN	65 A	65 A	10 A

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Approvals

	B	C	D
Nominal voltage UN	300 V	150 V	300 V

GOST

GOST

cULus Recognized

Accessories

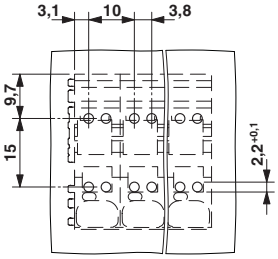
Necessary add-on products

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

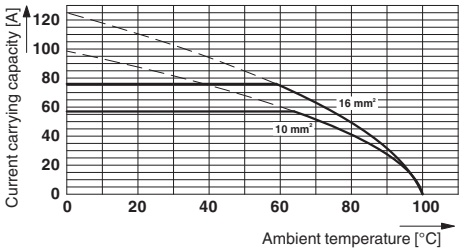
PC terminal block, Nominal current: 76 A, Nom. voltage: 400 V, Pitch: 10 mm, Number of positions: 1, Connection method: S

Drawings

Drilling diagram



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

Dimensioned drawing