



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PCB terminal block - ZFKDS 4-10 - 1907539

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PC terminal block, Nominal current: 32 A, Nom. voltage: 630 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!

The illustration shows an 10-position version

Product description

PC terminal block, Nominal current: 32 A, Nom. voltage: 630 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

- Color coding of individual positions supported
- Fully insulated bridges (FBSK) with different numbers of positions, e.g., for potential distribution
- Integrated test connection
- Optional mounting flange (FL) for safe mounting in the device
- Pitch spacers (RZ) for voltage expansion
- PCB terminal blocks with spring-cage connection, up to 6 mm² conductor cross section



Key commercial data

Packing unit	1
Minimum order quantity	50
Catalog page	Page 393 (CC-2011)
GTIN	 4 017918 193904
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	5.89 GRM
Country of origin	POLAND

Technical data

Dimensions / positions

Length	29 mm
Pitch	10 mm
Number of positions	1
Pin dimensions	1,0 x 1,4 mm

PCB terminal block - ZFKDS 4-10 - 1907539

Technical data

Dimensions / positions

Hole diameter	1.8 mm
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Technical data

Range of articles	ZFKDS(A) 4
Insulating material group	I
Rated surge voltage (III/3)	6 kV
Rated surge voltage (III/2)	6 kV
Rated surge voltage (II/2)	6 kV
Rated voltage (III/3)	630 V
Rated voltage (III/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current I _N	32 A
Nominal cross section	4 mm ²
Maximum load current	32 A (with 4 mm ² conductor cross section)
Insulating material	PA
Inflammability class according to UL 94	V0
Internal cylindrical gage	A4
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	30 A
Nominal voltage, UL/CUL Use Group C	300 V
Nominal current, UL/CUL Use Group C	30 A
Nominal voltage, UL/CUL Use Group D	600 V
Nominal current, UL/CUL Use Group D	5 A

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	6 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	4 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.	4 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.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	10

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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
mm ² /AWG/kcmil	24-10	24-10	24-10
Nominal current IN	30 A	30 A	5 A
Nominal voltage UN	300 V	300 V	600 V

cUL Recognized			
	B	C	D
mm ² /AWG/kcmil	24-10	24-10	24-10
Nominal current IN	30 A	30 A	5 A

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Approvals

	B	C	D
Nominal voltage UN	300 V	300 V	600 V

GOST

GOST

cULus Recognized

Accessories

Accessories

Assembly

PCB terminal block - RZ-ZFKDS 4 - 1928521

Pitch spacer, 2.5 mm wide



PCB terminal block - FL-ZFKDS 4 - 1928495

Pair of flanges, can be snapped onto a row of single terminal blocks



Bridges

Plug-in bridge - FBSK 10-10 - 1928437

Bridge, fully insulated, pitch 10 mm, 10-pos.



Plug-in bridge - FBSK 5-10 - 1928424

Bridge, fully insulated, pitch 10 mm, 5-pos.



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Accessories

Plug-in bridge - FBSK 4-10 - 1928411

Bridge, fully insulated, pitch 10 mm, 4-pos.



Plug-in bridge - FBSK 3-10 - 1928408

Bridge, fully insulated, pitch 10 mm, 3-pos.



Plug-in bridge - FBSK 2-10 - 1928398

Bridge, fully insulated, pitch 10 mm, 2-pos.



Marking

Zack marker strip - ZB10,LGS:FORTL.ZAHLEN - 1053014

Zack marker strip, Strip, white, Labeled, Can be labeled with: Plotter, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20



Marker cards - SK U/5,0 WH:UNBEDRUCKT - 0803922

Marker cards, Sheet, white, Unlabeled, Can be labeled with: Plotter, Office-Drucksysteme, Mounting type: Adhesive



PCB terminal block - ZFKDS 4-10 - 1907539

Accessories

Marker cards - SK 10/5:SO - 0805179



Marker cards, white, Mounting type: Adhesive, For terminal block width: 10 mm

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Plug/Adapter

Test plugs - MPS-MT - 0201744



Test plugs

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 g

PCB terminal block - ZFKDSA 4- 9 - 1907542



End terminal block, 9 mm wide, necessary at the end of a row of terminal blocks

Necessary add-on products

PCB terminal block - ZFKDS 4-10 - 1907539

Accessories

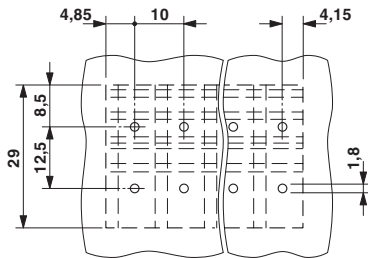
PCB terminal block - ZFKDSA 4- 9 - 1907542

End terminal block, 9 mm wide, necessary at the end of a row of terminal blocks



Drawings

Drilling diagram



Dimensioned drawing

