

## ZFKDS 4-10

Order No.: 1907539

The illustration shows an 10-position version

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1907539>

PC terminal block, Nominal current: 32 A, Nom. voltage: 630 V, Pitch: 10 mm, Number of positions: 1, Type of connection: Spring-cage conn., Assembly: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

Commercial data	
EAN	4017918193904
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.00589 KG
Catalog page information	Page 345 (CC-2009)

#### Product notes

WEEE/RoHS-compliant since:  
01/01/2003



<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

#### Technical data

Dimensions / positions	
Pitch	10 mm
Number of positions	1
Pin dimensions	1,0 x 1,4 mm

Hole diameter	1.8 mm
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**Technical data**

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/2)	630 V
Rated voltage (II/2)	1000 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	32 A
Nominal voltage $U_N$	630 V
Nominal cross section	4 mm <sup>2</sup>
Maximum load current	32 A (with 4 mm <sup>2</sup> conductor cross section)
Insulating material	PA
Inflammability class acc. to UL 94	V0
Internal cylindrical gage	A4
Stripping length	10 mm

**Connection data**

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	6 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	10

**Certificates / Approvals**

Certification

CUL, UL

**CUL**

Nominal voltage $U_N$	600 V
Nominal current $I_N$	5 A
AWG/kcmil	24-10

**UL**

Nominal voltage $U_N$	600 V
Nominal current $I_N$	5 A
AWG/kcmil	24-10

**Accessories**

Item	Designation	Description
<b>Assembly</b>		
1928495	FL-ZFKDS 4	Pair of flanges, can be snapped onto a row of single terminal blocks
1928521	RZ-ZFKDS 4	Pitch spacer, 2.5 mm wide
<b>Bridges</b>		
1928398	FBSK 2-10	Bridge, fully insulated, pitch 10 mm, 2-pos.
1928408	FBSK 3-10	Bridge, fully insulated, pitch 10 mm, 3-pos.
1928411	FBSK 4-10	Bridge, fully insulated, pitch 10 mm, 4-pos.
1928424	FBSK 5-10	Bridge, fully insulated, pitch 10 mm, 5-pos.
1928437	FBSK 10-10	Bridge, fully insulated, pitch 10 mm, 10-pos.
<b>General</b>		
1907542	ZFKDSA 4- 9	End terminal block, 9 mm wide, necessary at the end of a row of terminal blocks
<b>Marking</b>		
1051993	B-STIFT	Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

0805179	SK 10/5:SO	Marker card, special printing, self-adhesive, labeled acc. to customer requirements, 10 identical marker strips per card, max. 25-position labeling per strip, color: White
0803922	SK U/5,0 WH:UNBEDRUCKT	Unprinted marker cards, DIN A4 format, pitch as desired, self-adhesive, with 35 stamped marker strips, 185 mm strip length, can be labeled with the CMS system or manually with the M-PEN
1053014	ZB10,LGS:FORTL.ZAHLEN	Zack strip, 10-section, printed horizontally: with the numbers, 1-10, 11-20 etc. up to 991-1000, color: white

**Plug/Adapter**

0201744	MPS-MT	Metal part
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**Tools**

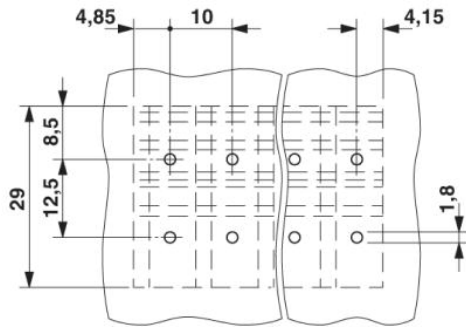
1204517	SZF 1-0,6X3,5	Screwdriver, blade: 0.6 x 3.5 x 100 mm, length 180 mm
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**Additional products**

Item	Designation	Description
<b>General</b>		
1907542	ZFKDSA 4- 9	End terminal block, 9 mm wide, necessary at the end of a row of terminal blocks

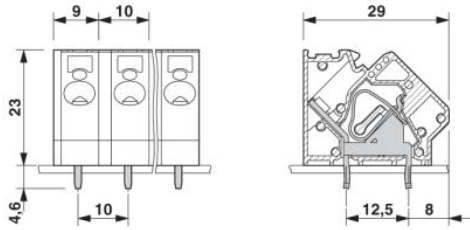
**Diagrams/Drawings**

Drilling plan/solder pad geometry



Dimensioned drawing

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**Address**

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