

ZFKDS 10-10,00

Order No.: 1986628

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



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1986628>

PC terminal block, Nominal current: 76 A, Nom. voltage: 320 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	4017918973087
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.010409 KG
Catalog page information	Page 347 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
03/20/2003



<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	1,2 x 1,4

Pin spacing	10 mm
Hole diameter	2.2 mm

Technical data

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/2)	400 V
Rated voltage (II/2)	800 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	76 A
Nominal voltage U_N	320 V
Nominal cross section	16 mm ²
Maximum load current	76 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	12 mm

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

Certificates / Approvals



Certification CUL, UL

CUL

Nominal voltage U_N	300 V
Nominal current I_N	65 A
AWG/kcmil	24-6

UL

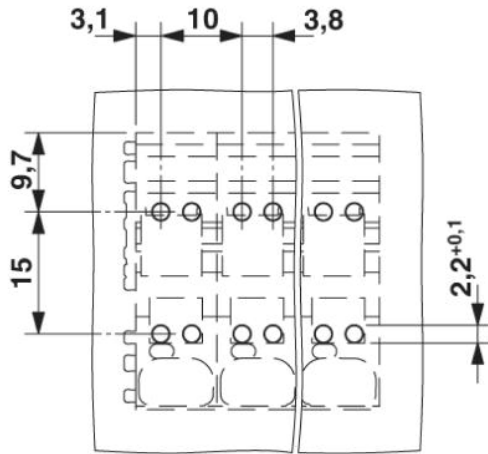
Nominal voltage U_N	300 V
Nominal current I_N	65 A
AWG/kcmil	24-6

Additional products

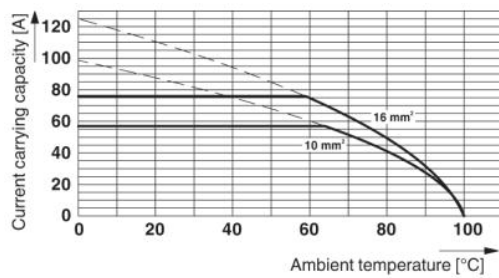
Item	Designation	Description
General		
1987054	ZFKDSA 10-11,7	PC terminal block, Nominal current: 76 A, Nom. voltage: 320 V, Pitch: 10 mm, Number of positions: 1, Type of connection: Spring-cage conn., Assembly: Soldering, Conductor/PCB connection direction: 45 °, Color: green, The article can be aligned to create different nos. of positions!

Diagrams/Drawings

Drilling plan/solder pad geometry



Diagram



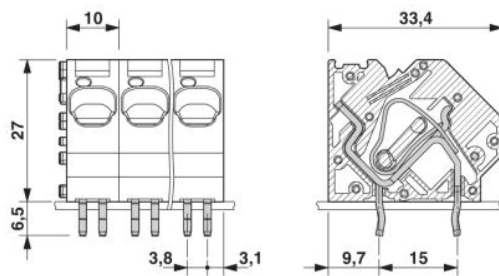
Type: ZFKDS 10-10,00 and ZFKDSA 10-11,7

Test following DIN EN 60512-5-2:2003-01

Reduction factor = 1

No. of positions: 5

Dimensioned drawing



Address

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