

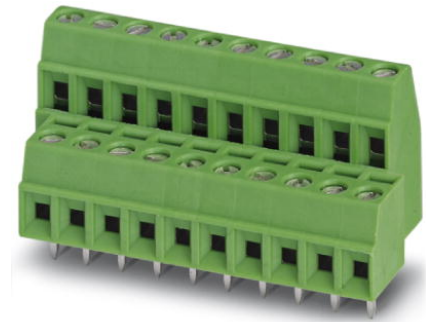


Extract from the online catalog

MKKDS 1/ 4-3,5

Order No.: 1751413

The figure shows a 10-position version of the product



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1751413>

PC terminal block, Nominal current: 8 A, Nom. voltage: 160 V, Pitch: 3.5 mm, Number of positions: 4, Type of connection: Screw connection, Assembly: Soldering, Conductor/PCB connection direction: 0 °, Color: green

Commercial data	
GTIN (EAN)	4017918115906
sales group	E002
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.005061 KG
Catalog page information	Page 53 (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	
Length	16.3 mm
Height	16.2 mm
Pitch	3.5 mm

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Dimension a	10.5 mm
Number of positions	4
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm
Screw thread	M2
Tightening torque, min	0.22 Nm
Tightening torque max	0.25 Nm

Technical data

Insulating material group	I
Rated surge voltage (III/3)	2.5 kV
Rated surge voltage (III/2)	2.5 kV
Rated surge voltage (II/2)	2.5 kV
Rated voltage (III/2)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	8 A
Nominal voltage U_N	160 V
Nominal cross section	1 mm ²
Maximum load current	10 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	5 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	10 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.	0.14 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section stranded min.	0.14 mm ²
Conductor cross section stranded max.	1 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.	0.5 mm ²

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Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	16
2 conductors with same cross section, solid min.	0.14 mm ²
2 conductors with same cross section, solid max.	0.5 mm ²
2 conductors with same cross section, stranded min.	0.14 mm ²
2 conductors with same cross section, stranded max.	0.2 mm ²
Minimum AWG according to UL/CUL	30
Maximum AWG according to UL/CUL	16

Certificates / Approvals



Certification

CB, CCA, CSA, CUL, GOST, SEV, UL

CSA

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	28-16

CUL

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-16

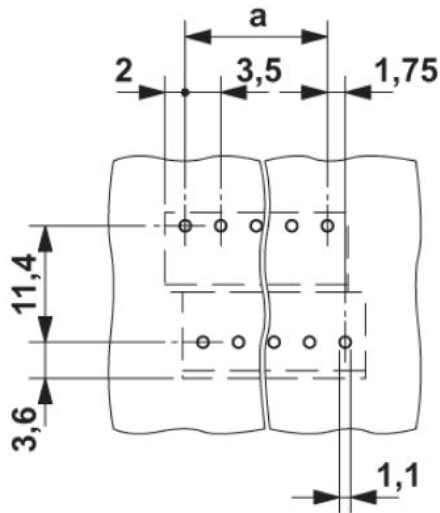
UL

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-16

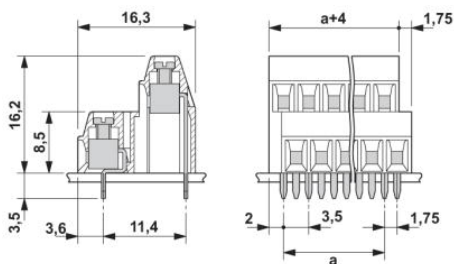
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Diagrams/Drawings

Drilling plan/solder pad geometry



Dimensioned drawing



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