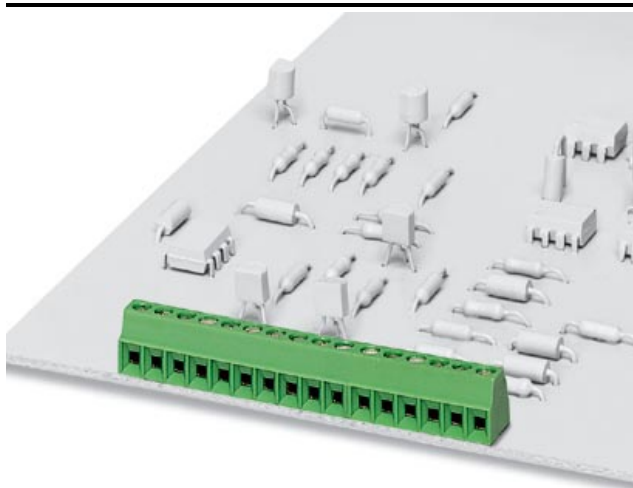


Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

► Extract from the online catalog



Printed circuit terminal block, nominal current: 10 A, rated voltage: 160 V, pitch: 3.5 mm, no. of positions: 16, mounting: Soldering, type of connection: Screw connection, connection direction from the conductor to the PCB: 0°

Order No.	1751387
Ord designation	MKDS 1/16-3,5
EAN	4017918103941
Pack	50 Pcs.
Customs tariff	85369010
Weight/Piece	0,00806 KG
Catalog page information	Page 21 (CC-2005)

► Product notes

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



► Technical data

Dimensions / positions

Pitch	3.5 mm
Dimension a	52.5 mm
Number of positions	16
Pin dimensions	0,5 x 0,9 mm
Hole diameter	1.1 mm
Screw thread	M 2
Tightening torque, min	0.22 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	10 A
Nominal voltage U_N	160 V
Nominal cross section	1 mm ²
Maximum load current	12 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	5 mm

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
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

► Certificates

Certificate logos



CSA

Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	28-16
Comments	all numbers of positions are accepted
Nominal voltage U_N	150 V
Nominal current I_N	10 A
AWG/kcmil	28-16

CUL

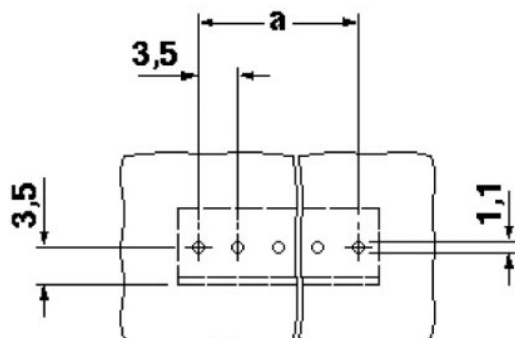
Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-16

UL

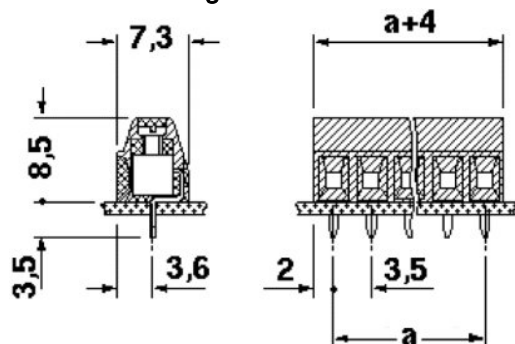
Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	30-16

► Drawings

Drilling diagram



Dimensioned drawing



► Accessories

Item	Designation	Description
Marking		
0804073	SK 3,5/2,8:FORTL.ZAHLEN	Marker card, printed horizontally, self-adhesive, 10-section marker strip, 14 identical decades marked 1-10, 11-20 etc. up to 91-100, sufficient for 140 terminal blocks
Tools		
1205037	SZS 0,4X2,5	Screwdriver, bladed, matches all screw terminal blocks up to 1.5 mm ² connection cross section, blade: 0.4 x 2.5 mm

► Address

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