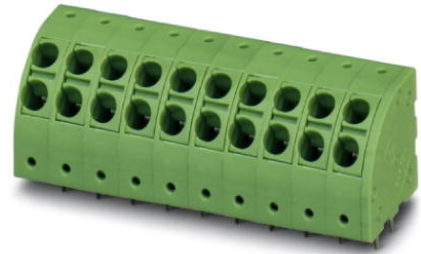


PTDA 2,5/ 7-5,0

Order No.: 1725367

The figure shows a 10-position version of the product

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=1725367>

PC terminal block, Nominal current: 24 A, Nom. voltage: 320 V, Pitch:
5 mm, Number of positions: 7, Type of connection: Spring-cage conn.,
Assembly: Soldering, Conductor/PCB connection direction: 45 °,
Color: green

Commercial data

GTIN (EAN)	4046356129305
sales group	E412
Pack	50 pcs.
Customs tariff	85369010
Weight/Piece	0.012561 KG
Catalog page information	Page 457 (CC-2009)

Product notes

WEEE/RoHS-compliant since:
07/30/2007



[http://
www.download.phoenixcontact.com](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	5 mm
Dimension a	30 mm
Number of positions	7

Pin dimensions	1,0 x 0,4
Pin spacing	5 mm
Hole diameter	1.3 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)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	24 A
Nominal voltage U_N	320 V
Nominal cross section	2.5 mm ²
Maximum load current	24 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	10 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	15 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.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm ²
Conductor cross section AWG/kcmil min.	24

Conductor cross section AWG/kcmil max	14
2 conductors with same cross section, solid min.	0.2 mm ²
2 conductors with same cross section, solid max.	2.5 mm ²
2 conductors with same cross section, stranded min.	0.2 mm ²
2 conductors with same cross section, stranded max.	2.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm ²
Minimum AWG according to UL/CUL	24
Maximum AWG according to UL/CUL	14

Certificates / Approvals



Certification CUL, UL

CUL

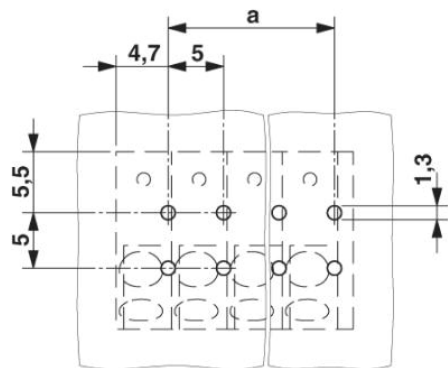
Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	24-14

UL

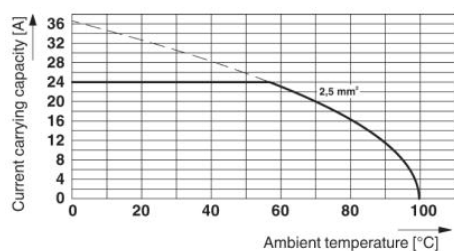
Nominal voltage U_N	300 V
Nominal current I_N	10 A
AWG/kcmil	24-14

Diagrams/Drawings

Drilling plan/solder pad geometry

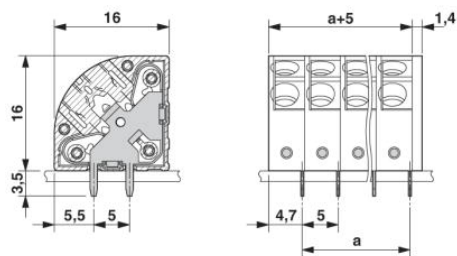


Diagram



Derating diagram for 5 positions; reduction factor=0.8

Dimensioned drawing



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