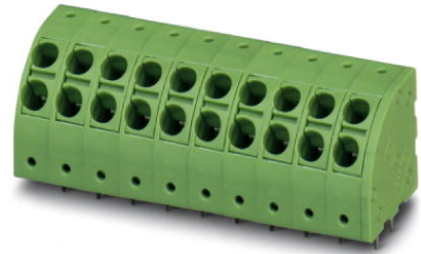


## PTDA 2,5/ 4-5,0

Order No.: 1725328

The figure shows a 10-position version of the product



PC terminal block, Nominal current: 24 A, Nom. voltage: 320 V, Pitch: 5 mm, Number of positions: 4, Type of connection: Spring-cage conn., Assembly: Soldering, Conductor/PCB connection direction: 45 °, Color: green

### Commercial data

EAN	4046356129275
Pack	50
Customs tariff	85366990
Weight/Piece	6.49 g
Product key	E412
Catalog page information	Page 457 (CC-2009)

### Product notes

WEEE/RoHS-compliant since:  
15/07/2007



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.

### Technical data

#### Dimensions / positions

Pitch	5 mm
Dimension a	15 mm
Number of positions	4
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 <sup>2</sup>
Maximum load current	24 A
Insulating material	PA
Inflammability class acc. to UL 94	V0
Stripping length	10 mm

#### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	1 mm <sup>2</sup>
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 <sup>2</sup>
2 conductors with same cross section, solid max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded min.	0.2 mm <sup>2</sup>

2 conductors with same cross section, stranded max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1 mm <sup>2</sup>

## Certificates



Certification

CUL, UL

### CUL

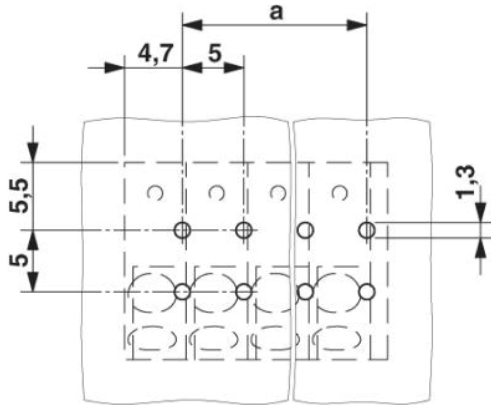
Nominal voltage $U_N$	300 V
Nominal current $I_N$	15 A
AWG/kcmil	24-14

### UL

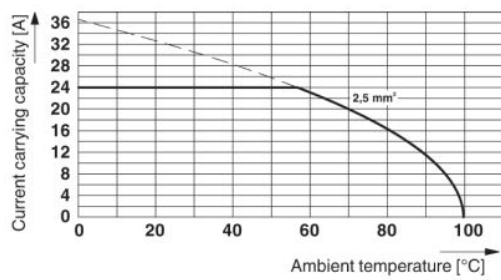
Nominal voltage $U_N$	300 V
Nominal current $I_N$	15 A
AWG/kcmil	24-14

## Drawings

### Drilling diagram

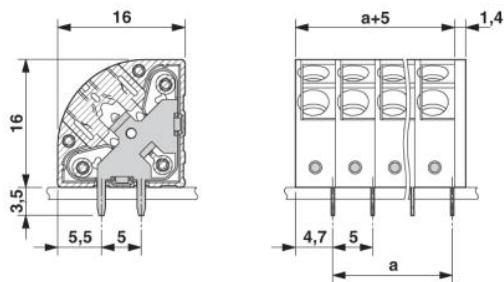


### Diagram



Derating-Diagramm für Polzahl 5; Reduktionsfaktor=0,8

### Dimensioned drawing



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**Address**

PHOENIX CONTACT Ltd  
Halesfield 13  
Telford / Shropshire / TF7 4PG,England  
Phone 01952 681 700  
Fax 01952 681 799  
<http://www.phoenixcontact.co.uk>



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