


# PCB terminal block - PTDA 1,5/32-3,5 MIXCOLBD33-TSO - 1776041

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PCB terminal block, nominal current: 13.5 A, pitch: 3.5 mm, number of positions: 32, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: multi-color



## Key Commercial Data

Packing unit	50 pc
GTIN	 4 046356 508162
GTIN	4046356508162

## Technical data

### Dimensions

Length [ l ]	16 mm
Pitch	3.5 mm
Dimension a	108.5 mm
Width [ w ]	113.4 mm
Height	16 mm
Height [ h ]	19.5 mm
Solder pin [P]	3.5 mm
Pin spacing	3.5 mm
Hole diameter	1.3 mm

### General

Range of articles	PTDA 1,5/
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/3)	200 V
Rated voltage (III/2)	240 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	13.5 A
Nominal cross section	1.5 mm <sup>2</sup>
Stripping length	10 mm

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## Technical data

### General

Number of positions	32
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### Connection data

Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
2 conductors with same cross section, solid min.	0.2 mm <sup>2</sup>
2 conductors with same cross section, solid max.	1.5 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.	1.5 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.	1.5 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.	0.5 mm <sup>2</sup>

### Standards and Regulations

Connection in acc. with standard	EN-VDE
	CUL

### Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

## Approvals

### Approvals

#### Approvals

EAC / cULus Recognized


#### Ex Approvals

### Approval details

EAC		B.01742
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## Approvals

cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a> E60425-20030211	
	D	B	C
Nominal voltage UN	300 V	300 V	150 V
Nominal current IN	10 A	12 A	12 A
mm <sup>2</sup> /AWG/kcmil	24-16	24-16	24-16

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