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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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PCB terminal block - PTDA 2,5/ 4-5,0 - 1725328

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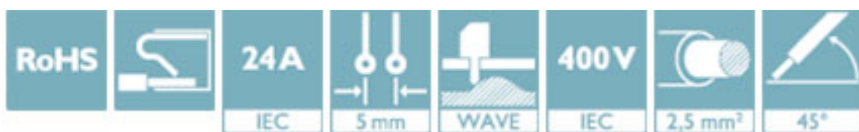
PCB terminal block, nominal current: 24 A, nom. voltage: 400 V, pitch: 5 mm, number of positions: 4, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green




The figure shows a 10-position version of the product

Why buy this product

- Time saving push-in connection, tools not required
- Defined contact force ensures that contact remains stable over the long term
- Potentials can be easily looped through – ideal for BUS applications
- Quick and convenient testing using integrated test option
- Rounded type for individual device design
- Two solder pins reduce the mechanical strain on the soldering spots



Key Commercial Data

Packing unit	50 STK
GTIN	 4 046356 129275
GTIN	4046356129275

Technical data

Dimensions

Length [l]	16 mm
Pitch	5 mm
Dimension a	15 mm
Width [w]	20 mm
Constructional height	16 mm
Height [h]	19.5 mm
Solder pin [P]	3.5 mm
Pin dimensions	1 x 0,4 mm
Pin spacing	5 mm

PCB terminal block - PTDA 2,5/ 4-5,0 - 1725328

Technical data

Dimensions

Hole diameter	1.3 mm
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General

Range of articles	PTDA 2,5/
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/3)	320 V
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 cross section	2.5 mm ²
Maximum load current	24 A
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	10 mm
Number of positions	4

Connection data

Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	1 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG 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

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Technical data

Standards and Regulations

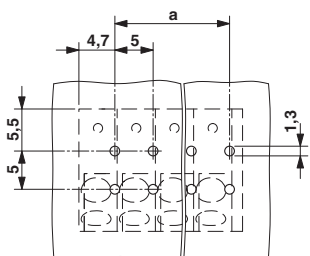
Connection in acc. with standard	EN-VDE
	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

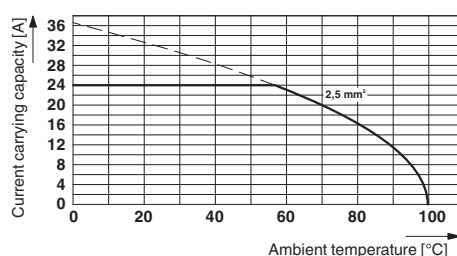
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram

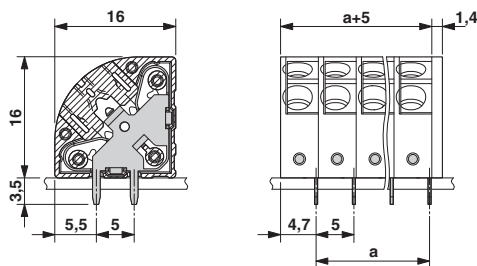


Diagram



Derating diagram for 5 positions; reduction factor=0.8

Dimensional drawing



Approvals

Approvals

Approvals


VDE Gutachten mit Fertigungsüberwachung / CCA / IEC CB Scheme / EAC / cULus Recognized

Ex Approvals


Approval details

PCB terminal block - PTDA 2,5/ 4-5,0 - 1725328


Approvals

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40030462
Nominal voltage UN		250 V	
Nominal current IN		24 A	
mm ² /AWG/kcmil		0.2-2.5	

CCA	DE1 34029		
Nominal voltage UN		250 V	
Nominal current IN		24 A	
mm ² /AWG/kcmil		0.2-2.5	

IECEE CB Scheme		http://www.iecee.org/	DE1-46805
Nominal voltage UN		250 V	
Nominal current IN		24 A	
mm ² /AWG/kcmil		0.2-2.5	

EAC		B.01742
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	E60425-20030211
	D	B	
Nominal voltage UN	300 V	300 V	
Nominal current IN	10 A	15 A	
mm ² /AWG/kcmil	24-14	24-14	

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