

PCB terminal block - PTSA 0,5/21-2,5-F - 1989939

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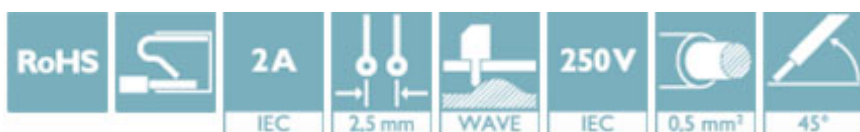


PCB terminal block, nominal current: 2 A, nom. voltage: 250 V, pitch: 2.5 mm, number of positions: 21, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green. Soldering legs in front area, one-rowed

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
- ✓ Angled connection enables multi-row arrangement on the PCB



Key Commercial Data

Packing unit	50 pc
GTIN	 4 017918 973537
GTIN	4017918973537

Technical data

Dimensions

Length [l]	12 mm
Pitch	2.5 mm
Dimension a	50 mm
Width [w]	54 mm
Constructional height	13.1 mm
Height [h]	16.7 mm
Solder pin [P]	3.6 mm
Pin dimensions	0,4 x 0,75 mm
Pin spacing	2.5 mm
Hole diameter	1 mm

General

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Technical data

General

Range of articles	PTSA 0,5
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)	63 V
Rated voltage (III/2)	250 V
Rated voltage (II/2)	320 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	2 A
Nominal cross section	0.5 mm ²
Maximum load current	2 A
Insulating material	PA
Stripping length	9 mm
Number of positions	21

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	0.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	20

Standards and Regulations

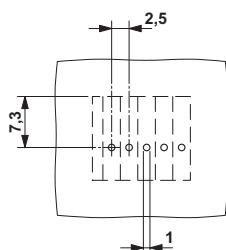
Connection in acc. with standard	EN-VDE
	CUL

Environmental Product Compliance

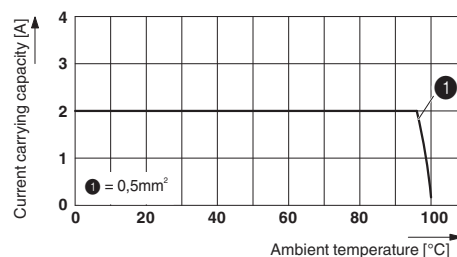
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Drilling diagram



Diagram

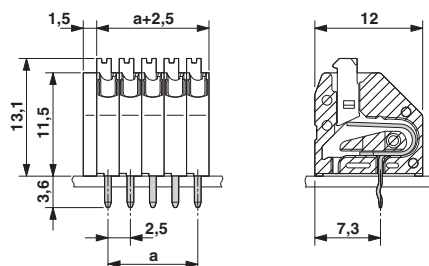


The figure shows the 5-pos. version

Derating diagram for 5 pins; reduction factor=1

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Dimensional drawing



The figure shows the 5-pos. version

Approvals

Approvals

Approvals

VDE Gutachten mit Fertigungsüberwachung / CCA / EAC / cULus Recognized

Ex Approvals

Approval details

VDE Gutachten mit Fertigungsüberwachung		http://www2.vde.com/de/Institut/Online-Service/ VDE-gepruefteProdukte/Seiten/Online-Suche.aspx	40013932
Nominal voltage UN	130 V		
Nominal current IN	2 A		
mm²/AWG/kcmil	0.5		

CCA	CCA/DE1 34204		
Nominal current IN	2 A		
mm²/AWG/kcmil	0.5		

EAC		B.01742	
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Approvals

cULus Recognized  http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm E60425-20030527		
	D	B
Nominal voltage UN	300 V	150 V
Nominal current IN	2 A	2 A
mm²/AWG/kcmil	26-20	26-20

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