PHŒNIX CONTACT

# PCB terminal block - PTSA 0,5/15-2,5-Z - 1990135

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PCB terminal block, Nominal current: 2 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 15, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 45 °, Color: green, Offset soldering legs, two-rowed

The figure shows a 10-position version of the product

Why buy this product

☑
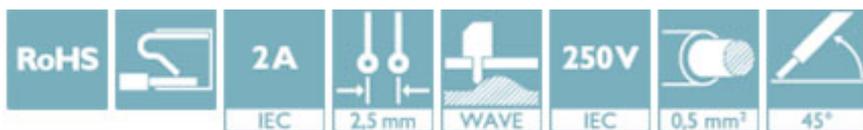
Key Commercial Data

Packing unit	50 STK
Minimum order quantity	50 STK
GTIN	4 017918 973704
GTIN	4017918973704
Weight per Piece (excluding packing)	5.420 g
Custom tariff number	85369010
Country of origin	Poland
Note	Made to Order (non-returnable)

Technical data

Dimensions

Length	12 mm
Pitch	2.5 mm
Dimension a	35.00 mm
Width	39.00 mm
Constructional height	13.1 mm
Height	16.7 mm
Solder pin [P]	3.6 mm
Pin dimensions	0,4 x 0,75 mm
Pin spacing	2.50 mm

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Technical data

Dimensions

Hole diameter	1 mm

General

Range of articles	PTSA 0,5
Insulating material group	I
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)	160 V
Rated voltage (III/2)	250 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current I_N	2 A
Nominal cross section	0.5 mm²
Maximum load current	2 A
Insulating material	PA
Solder pin surface	Sn
Flammability rating according to UL 94	V0
Stripping length	9 mm
Number of positions	15

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	0.5 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	20

Standards and Regulations

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

Environmental Product Compliance

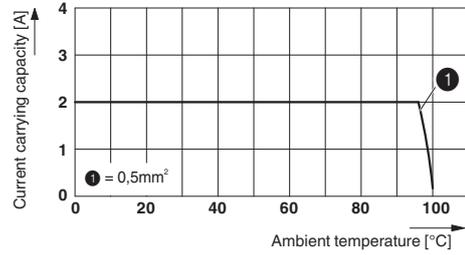|	
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

PCB terminal block - PTSA 0,5/15-2,5-Z - 1990135
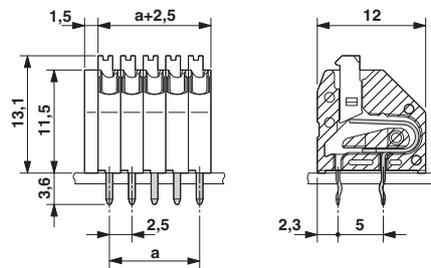
Drilling diagram
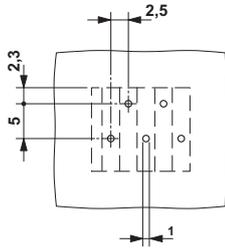
Diagram

The illustration shows the 5-pos. version – Zig-zag pinning starts at the right-hand position. Other pinning available on request.

Derating diagram for 5 pins;reduction factor=1

Dimensional drawing

The illustration shows the 5-pos. version

Approvals

Approvals

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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / EAC / cULus Recognized

Ex Approvals

Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425

	B	D
mm²/AWG/kcmil	26-20	26-20
Nominal current IN	2 A	2 A
Nominal voltage UN	300 V	300 V

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Approvals

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/ VDE-approved-products/Pages/Online-Search.aspx	40013932
mm²/AWG/kcmil		0.5	
Nominal current IN		2 A	
Nominal voltage UN		250 V	

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 60425
	B		D
mm²/AWG/kcmil	26-20		26-20
Nominal current IN	2 A		2 A
Nominal voltage UN	300 V		300 V

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

EAC		B.01742

cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm