PCB terminal block - PTSA 0.5/ 4-2.5-Z - 1990025

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The figure shows a 10-position version of the product

PC terminal block, Nominal current: 2 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 4, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, Offset soldering legs, two-rowed

Product description

PC terminal block, Nominal current: 2 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 4, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green, Offset soldering legs, two-rowed

Why buy this product

- Compact design with easy actuation and direct plug-in technology
- 2.5 mm pitch
- Dielectric strength and mechanical stability increased thanks to zigzag pinning. Pinning always starts at the front right position. Special pinning versions are available on request.
- Color coding and mixed pitches as an option

Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 517 (CC-2011)
GTIN	4 017918 973599
Weight per piece (including packing)	0.0 GRM
Weight per Piece (excluding packing)	1.54 GRM
Country of origin	GERMANY

Technical data

Dimensions / positions

Length	12 mm
Height	13.1 mm
Pitch	2.5 mm
Dimension a	7.5 mm
Number of positions	4
Pin dimensions	0,4 x 0,75

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Technical data

Dimensions / positions

Pin spacing	2.5 mm
Hole diameter	1 mm

Technical data

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 IN	2 A
Nominal cross section	0.5 mm²
Maximum load current	2 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	9 mm
Nominal voltage, UL/CUL Use Group B	300 V
Nominal current, UL/CUL Use Group B	2 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	2 A

Connection data

Conductor cross section solid min.	0.14 mm²
Conductor cross section solid max.	0.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	0.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	20
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	20

Classifications

eclass

eClass 4.0	272607xx
eClass 4.1	27260701
eClass 5.0	27141190
eClass 5.1	27141190
eClass 6.0	27261101

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Classifications

etim

ETIM 3.0	EC001121
ETIM 4.0	EC002643

unspsc

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

Approvals

Certificates

Certification

UL Recognized / VDE report with production monitoring / cUL Recognized / CCA / GOST / cULus Recognized

Certification EX

Certification submitted

Approval details

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

VDE report with production monitoring	
mm²/AWG/kcmil	0.5
Nominal current IN	2 A
Nominal voltage UN	250 V

cUL Recognized		
	B	D
mm²/AWG/kcmil	26-20	26-20
Nominal current IN	2 A	2 A

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Approvals

	B	D
Nominal voltage UN	300 V	300 V

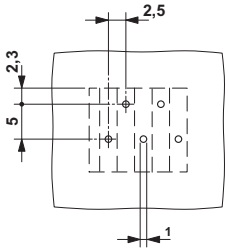
CCA	
mm²/AWG/kcmil	0.5
Nominal current IN	2 A

GOST

cULus Recognized

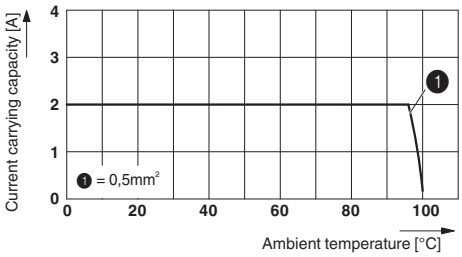
Drawings

Drilling diagram



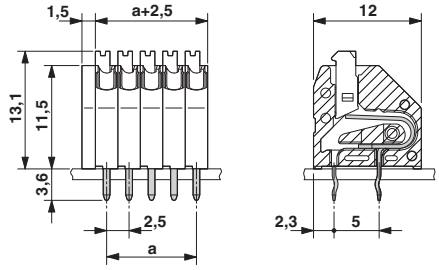
The illustration shows the 5-pos. version – Zig-zag pinning starts at the right-hand position. Other pinning available on request.

Diagram



Derating diagram for 5 pins;reduction factor=1

Dimensioned drawing



The illustration shows the 5-pos. version