

PCB terminal block - PTSA 0,5/14-2,5-F - 1989861

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PCB terminal block, Nominal current: 2 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 14, Connection method: Spring-cage connection, Mounting: 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

Product Features

- 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 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	5.49 GRM
Custom tariff number	85369010
Country of origin	Poland

Technical data

Dimensions

Length	12 mm
Height	13.1 mm
Pitch	2.5 mm
Dimension a	32.5 mm
Pin dimensions	0,4 x 0,75
Pin spacing	2.5 mm
Hole diameter	1 mm

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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)	250 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
Solder pin surface	Sn
Stripping length	9 mm
Number of positions	14

Connection data

Conductor cross section solid min.	0.14 mm ²
Conductor cross section solid max.	0.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	0.5 mm ²
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

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401

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Classifications

ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

UNSPSC

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

Approvals

Approvals


Approvals

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

Ex Approvals


Approvals submitted

Approval details


UL Recognized 			
		B	D
mm ² /AWG/kcmil	26-20	26-20	
Nominal current I _N	2 A	2 A	
Nominal voltage U _N	150 V	300 V	

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Approvals

VDE Gutachten mit Fertigungsüberwachung 


mm ² /AWG/kcmil	0.5
Nominal current IN	2 A
Nominal voltage UN	130 V


cUL Recognized 


		B	D
mm ² /AWG/kcmil	26-20	26-20	
Nominal current IN	2 A	2 A	
Nominal voltage UN	150 V	300 V	

CCA

mm ² /AWG/kcmil	0.5
Nominal current IN	2 A

GOST 

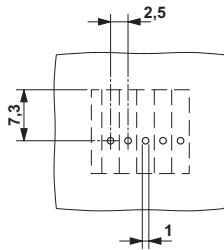
GOST 

cULus Recognized 

Drawings

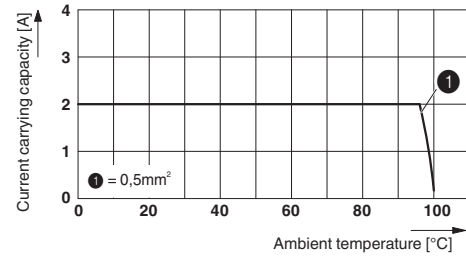
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Drilling diagram



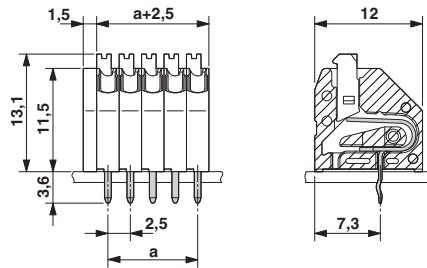
The illustration shows the 5-pos. version

Diagram



Derating diagram for 5 pins; reduction factor=1

Dimensioned drawing



The illustration shows the 5-pos. version