

## PCB terminal block - PTSA 0,5/13-2,5-F - 1989858

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PCB terminal block, Nominal current: 2 A, Nom. voltage: 250 V, Pitch: 2.5 mm, Number of positions: 13, 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)	5.16 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	30 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 <sup>2</sup>
Maximum load current	2 A
Insulating material	PA
Solder pin surface	Sn
Stripping length	9 mm
Number of positions	13

#### Connection data

Conductor cross section solid min.	0.14 mm <sup>2</sup>
Conductor cross section solid max.	0.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	0.5 mm <sup>2</sup>
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

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Approvals

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

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### Ex Approvals

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### Approvals submitted


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### Approval details


UL Recognized 			
		B	D
mm <sup>2</sup> /AWG/kcmil	26-20	26-20	
Nominal current I <sub>N</sub>	2 A	2 A	
Nominal voltage U <sub>N</sub>	150 V	300 V	

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## Approvals

VDE Gutachten mit Fertigungsüberwachung 


mm <sup>2</sup> /AWG/kcmil	0.5
Nominal current I <sub>N</sub>	2 A
Nominal voltage U <sub>N</sub>	130 V


cUL Recognized 


		B	D
mm <sup>2</sup> /AWG/kcmil	26-20	26-20	
Nominal current I <sub>N</sub>	2 A	2 A	
Nominal voltage U <sub>N</sub>	150 V	300 V	

CCA

mm <sup>2</sup> /AWG/kcmil	0.5
Nominal current I <sub>N</sub>	2 A

GOST 

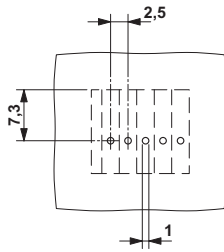
GOST 

cULus Recognized 

## Drawings

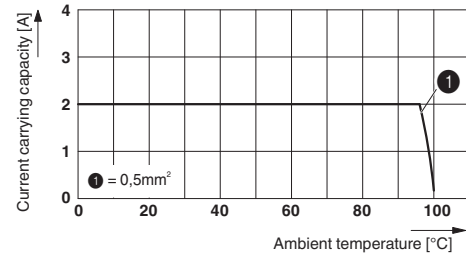
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Drilling diagram



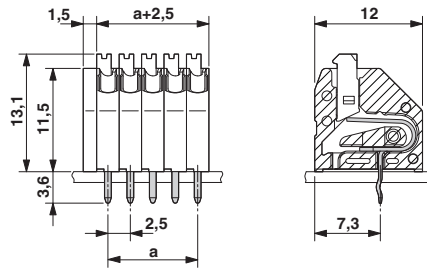
The illustration shows the 5-pos. version

Diagram



Derating diagram for 5 pins;reduction factor=1

Dimensioned drawing



The illustration shows the 5-pos. version