

## PCB terminal block - PTSA 0,5/ 1-2,5-F - 1840967

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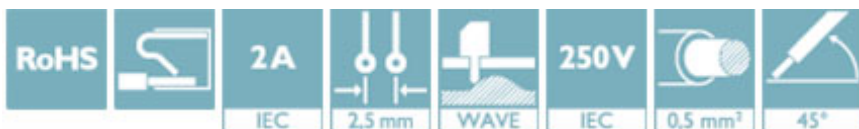


PCB terminal block, nominal current: 2 A, nom. voltage: 250 V, pitch: 2.5 mm, number of positions: 1, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 45 °, color: green. Soldering legs in front area, one-rowed

The figure shows a 10-position version of the product

### Your advantages

- ✓ 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	1
GTIN	
GTIN	4046356904858
Custom tariff number	85369010

### Technical data

#### Dimensions

Length [ l ]	12 mm
Pitch	2.5 mm
Width [ w ]	4 mm
Height	13.1 mm
Height [ h ]	16.7 mm
Solder pin [P]	3.6 mm
Pin spacing	2.5 mm
Hole diameter	1 mm

#### General

Range of articles	PTSA 0,5
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## Technical data

### General

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>
Insulating material	PA
Flammability rating according to UL 94	V0
Stripping length	9 mm
Number of positions	1

### 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 flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	0.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	20

### Standards and Regulations

Connection in acc. with standard	EN-VDE
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

## Classifications

### eCl@ss

eCl@ss 5.1	27261100
eCl@ss 6.0	27261100
eCl@ss 7.0	27440401
eCl@ss 8.0	27440401
eCl@ss 9.0	27440401

### ETIM

ETIM 4.0	EC002643
ETIM 5.0	EC002643

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## Classifications

### ETIM

ETIM 6.0	EC002643
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### UNSPSC

UNSPSC 13.2	39121432
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## Approvals

### Approvals

#### Approvals

EAC / cULus Recognized

#### Ex Approvals

### Approval details

EAC		B.01742
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cULus Recognized		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	E60425-20030527
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	D	B
Nominal voltage UN	300 V	150 V
Nominal current IN	2 A	2 A
mm <sup>2</sup> /AWG/kcmil	26-20	26-20

## Accessories

### Accessories

#### Screwdriver tools

Screwdriver - SZF 0-0,4X2,5 - 1204504



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.4 x 2.5 x 75 mm, 2-component grip, with non-slip grip

