

## PCB terminal block - SPTA 1/ 5-3,5 - 1752133

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PCB terminal block, Nominal current: 9 A, Nom. voltage: 200 V, Pitch: 3.5 mm, Number of positions: 5, Connection method: Spring-cage conn., Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green




The illustration shows the 10-position version

### Product Features

- ✓ Compact design with a depth of just 10 mm
- ✓ User-friendly and quick conductor connection using Push-in direct plug-in technology
- ✓ Arrangement over several rows possible for high packing densities
- ✓ Drilling diagram and dimensions are the same shape as the proven SMKDS 1 screw solution
- ✓ Easy operation when releasing the conductor via the orange actuating lever
- ✓ Different pitches can be combined depending on product range



### Key commercial data

Packing unit	1 PCE
Minimum order quantity	50 PCE
GTIN	 4 046356 320986
Custom tariff number	85369010
Country of origin	GERMANY

### Technical data

#### Dimensions / positions

Length	10 mm
Pitch	3.5 mm
Dimension a	14 mm
Number of positions	5
Pin dimensions	0,6 x 1,0 mm

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## Technical data

### Dimensions / positions

Pin spacing	3.5 mm
Hole diameter	1.1 mm

### Technical data

Range of articles	SPTA 1/
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)	200 V
Rated voltage (II/2)	400 V
Connection in acc. with standard	EN-VDE
Nominal current $I_N$	9 A
Nominal cross section	1 mm <sup>2</sup>
Maximum load current	8 A
Insulating material	PA
Inflammability class according to UL 94	V0
Stripping length	8 mm
Nominal voltage, UL/CUL Use Group B	150 V
Nominal current, UL/CUL Use Group B	10 A
Nominal voltage, UL/CUL Use Group D	300 V
Nominal current, UL/CUL Use Group D	10 A

### Connection data

Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	1 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.	0.25 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve max.	0.75 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	16
Minimum AWG according to UL/CUL	26
Maximum AWG according to UL/CUL	16

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## Classifications

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002643
ETIM 5.0	EC002643

### UNSPSC

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

### eCl@ss

eCl@ss 4.0	27141109
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401

## Approvals

### Approvals

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#### Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / CCA / IECCE CB Scheme / GOST / cULus Recognized

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#### Ex Approvals

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#### Approvals submitted

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#### Approval details

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## Approvals

UL Recognized

	B	D
mm <sup>2</sup> /AWG/kcmil	26-16	26-16
Nominal current IN	10 A	10 A
Nominal voltage UN	150 V	300 V

VDE Gutachten mit Fertigungsüberwachung

mm <sup>2</sup> /AWG/kcmil	0.2-1.5
Nominal current IN	9 A
Nominal voltage UN	130 V

cUL Recognized

	B	D
mm <sup>2</sup> /AWG/kcmil	26-16	26-16
Nominal current IN	10 A	10 A
Nominal voltage UN	150 V	300 V

CCA

IECEE CB Scheme

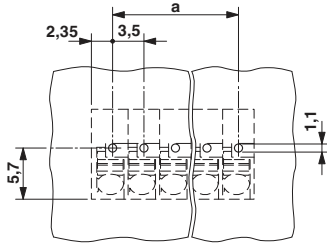
GOST

cULus Recognized

## Drawings

# PCB terminal block - SPTA 1/ 5-3,5 - 1752133

Drilling diagram



Dimensioned drawing

