# PCB terminal block - SPTA 1,5/ 7-3,81 - 1743184

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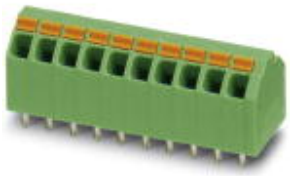
PCB terminal block, Nominal current: 9 A, Nom. voltage: 160 V, Pitch: 3.81 mm, Number of positions: 7, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 45 °, Color: green



The illustration shows the 10-position version

## Product Features

- Generously dimensioned labeling and printing area
- Easy operation when releasing the conductor via the orange actuating lever
- User-friendly and quick conductor connection using Push-in direct plug-in technology
- Classic desk shape with double pinning for additional operational safety
- Large cable funnels for safely accommodating conductors up to 1.5 mm²
- Different pitches can be combined depending on product range

## Key commercial data

| | |
|---|---|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| Weight per Piece (excluding packing) | 4.01 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

## Technical data

### Dimensions

| | |
|---|---|
| Pitch | 3.81 mm |
| Dimension a | 22.86 mm |
| Pin dimensions | 0,6 x 1,0 mm |
| Pin spacing | 7 mm |
| Hole diameter | 1.1 mm |

### General

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## Technical data

### General

| | |
|---|---|
| Range of articles | SPTA 1,5/ |
| 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) | 160 V |
| Rated voltage (II/2) | 320 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current $I_N$ | 9 A |
| Nominal cross section | 1.5 mm² |
| Maximum load current | 9 A |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V0 |
| Stripping length | 10 mm |
| Number of positions | 7 |

### Connection data

| | |
|---|---|
| Conductor cross section solid min. | 0.2 mm² |
| Conductor cross section solid max. | 1.5 mm² |
| Conductor cross section stranded min. | 0.2 mm² |
| Conductor cross section stranded max. | 1.5 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 1.5 mm² |
| 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 |

## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 4.0 | 27141109 |
| eCl@ss 4.1 | 27141109 |
| eCl@ss 5.0 | 27141190 |

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## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |

### ETIM

| | |
|---|---|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC002643 |
| ETIM 5.0 | EC002643 |

### UNSPSC

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

## Approvals

### Approvals

Approvals

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

Ex Approvals

Approvals submitted

### Approval details

UL Recognized

| | B |
|---|---|
| mm²/AWG/kcmil | 26-16 |
| Nominal current IN | 10 A |

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## Approvals

| | B |
|---|---|
| Nominal voltage UN | 300 V |

VDE Gutachten mit Fertigungsüberwachung

| | |
|---|---|
| mm²/AWG/kcmil | 0.2-1.5 |
| Nominal current IN | 9 A |
| Nominal voltage UN | 130 V |

cUL Recognized

| | B |
|---|---|
| mm²/AWG/kcmil | 26-16 |
| Nominal current IN | 10 A |
| Nominal voltage UN | 300 V |

CCA

IECEE CB Scheme

GOST

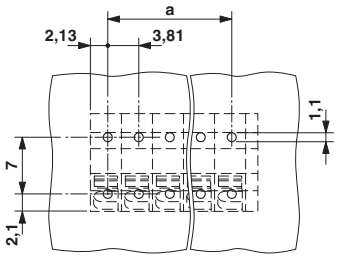
GOST

cULus Recognized

## Drawings

# PCB terminal block - SPTA 1,5/ 7-3,81 - 1743184

Drilling diagram




Dimensioned drawing