

## PCB terminal block - SPT 5/11-V-7,5-ZB - 1719406

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PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 11, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 90 °, Color: green

The figure shows a 5-pos. version of the product

### Product Features

- ✓ Fast connection technology thanks to tool-free direct plug-in principle
- ✓ Conductor connection direction: vertical (90° -V) to the PCB
- ✓ Unlimited 600 V UL approval thanks to compact zigzag pinning
- ✓ Single-position terminal block bases with double pin
- ✓ SPT 5 Push-in spring-cage PCB terminal blocks for conductor cross sections up to 6 mm², stranded



### Key commercial data

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Minimum order quantity               | 50 pc    |
| Weight per Piece (excluding packing) | 39.0 GRM |
| Custom tariff number                 | 85369010 |
| Country of origin                    | Germany  |

### Technical data

#### Dimensions

|                |           |
|----------------|-----------|
| Pitch          | 7.5 mm    |
| Dimension a    | 75 mm     |
| Pin dimensions | 1,7 x 0,8 |
| Pin spacing    | 14 mm     |
| Hole diameter  | 2.1 mm    |

#### General

|                   |            |
|-------------------|------------|
| Range of articles | SPT 5/..-V |
|-------------------|------------|

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### Technical data

#### General

|                                         |                   |
|-----------------------------------------|-------------------|
| Insulating material group               | I                 |
| Rated surge voltage (III/3)             | 8 kV              |
| Rated surge voltage (III/2)             | 8 kV              |
| Rated surge voltage (II/2)              | 6 kV              |
| Rated voltage (III/3)                   | 800 V             |
| Rated voltage (III/2)                   | 1000 V            |
| Rated voltage (II/2)                    | 1000 V            |
| Connection in acc. with standard        | EN-VDE            |
| Nominal current $I_N$                   | 41 A              |
| Nominal cross section                   | 6 mm <sup>2</sup> |
| Maximum load current                    | 41 A              |
| Insulating material                     | PA                |
| Solder pin surface                      | Sn                |
| Inflammability class according to UL 94 | V0                |
| Stripping length                        | 15 mm             |
| Number of positions                     | 11                |

#### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.2 mm <sup>2</sup>  |
| Conductor cross section solid max.                                                      | 10 mm <sup>2</sup>   |
| Conductor cross section stranded min.                                                   | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded max.                                                   | 6 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.              | 6 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.                 | 4 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 24                   |
| Conductor cross section AWG/kcmil max                                                   | 8                    |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL                                                         | 24                   |
| Maximum AWG according to UL/CUL                                                         | 8                    |

## PCB terminal block - SPT 5/11-V-7,5-ZB - 1719406

### Classifications

#### 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 |
| 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

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##### Approvals

UL Recognized / SEV / cUL Recognized / CCA / IECCE CB Scheme / GOST / UL Recognized / cUL Recognized / GOST / cULus Recognized

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##### Ex Approvals

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##### Approvals submitted

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##### Approval details

## PCB terminal block - SPT 5/11-V-7,5-ZB - 1719406

### Approvals

|                                                                                                 |       |       |
|-------------------------------------------------------------------------------------------------|-------|-------|
| UL Recognized  |       |       |
|                                                                                                 | B     | C     |
| mm²/AWG/kcmil                                                                                   | 24-8  | 24-8  |
| Nominal current I <sub>N</sub>                                                                  | 36 A  | 36 A  |
| Nominal voltage U <sub>N</sub>                                                                  | 600 V | 600 V |

|                                |        |
|--------------------------------|--------|
| SEV                            |        |
|                                |        |
| mm²/AWG/kcmil                  | 6      |
| Nominal current I <sub>N</sub> | 41 A   |
| Nominal voltage U <sub>N</sub> | 1000 V |

|                                                                                                    |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
| cUL Recognized  |       |       |
|                                                                                                    | B     | C     |
| mm²/AWG/kcmil                                                                                      | 24-8  | 24-8  |
| Nominal current I <sub>N</sub>                                                                     | 36 A  | 36 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 600 V | 600 V |

|                                |        |
|--------------------------------|--------|
| CCA                            |        |
|                                |        |
| mm²/AWG/kcmil                  | 6      |
| Nominal current I <sub>N</sub> | 41 A   |
| Nominal voltage U <sub>N</sub> | 1000 V |

|                                                                                                     |        |
|-----------------------------------------------------------------------------------------------------|--------|
| IECEE CB Scheme  |        |
|                                                                                                     |        |
| mm²/AWG/kcmil                                                                                       | 6      |
| Nominal current I <sub>N</sub>                                                                      | 41 A   |
| Nominal voltage U <sub>N</sub>                                                                      | 1000 V |

PCB terminal block - SPT 5/11-V-7,5-ZB - 1719406

Approvals

GOST 

UL Recognized 

|                                |       |       |
|--------------------------------|-------|-------|
|                                | B     | C     |
| mm²/AWG/kcmil                  | 24-8  | 24-8  |
| Nominal current I <sub>N</sub> | 36 A  | 36 A  |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

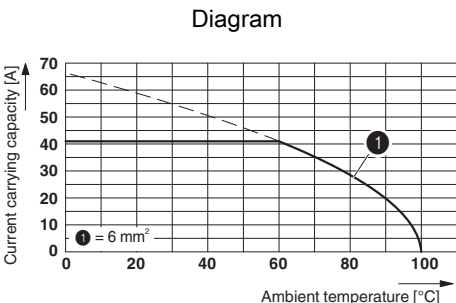
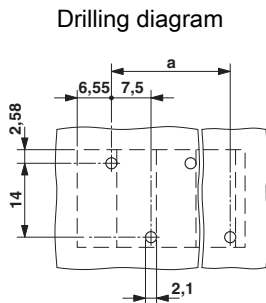
cUL Recognized 

|                                |       |       |
|--------------------------------|-------|-------|
|                                | B     | C     |
| mm²/AWG/kcmil                  | 24-8  | 24-8  |
| Nominal current I <sub>N</sub> | 36 A  | 36 A  |
| Nominal voltage U <sub>N</sub> | 600 V | 600 V |

GOST 

cULus Recognized 

Drawings

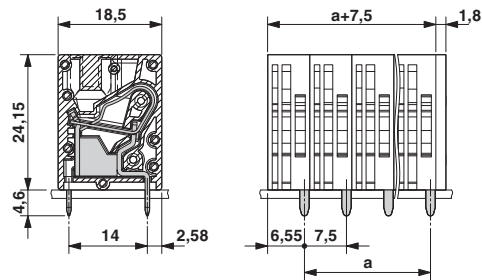


Type: SPT 5/...-V-7,5-ZB

## PCB terminal block - SPT 5/11-V-7,5-ZB - 1719406

Test based on DIN EN 60512-5-2:2003-01  
Reduction factor = 1

Dimensioned drawing



Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
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- Входной контроль качества.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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