

PCB terminal block - SPTA 16/ 7-10,0-ZB - 1819257

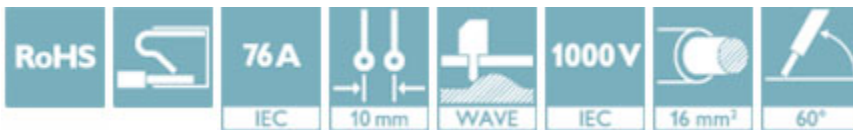
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PCB terminal block, nominal current: 76 A, pitch: 10 mm, number of positions: 7, connection method: Push-in spring connection, mounting: Wave soldering, conductor/PCB connection direction: 60 °, color: green

Your advantages

- ✓ Time saving push-in connection, tools not required
- ✓ Defined contact force ensures that contact remains stable over the long term
- ✓ Clamping space opened by means of fixed screwdriver enables convenient conductor connection
- ✓ Unrestricted 600-V-UL approval thanks to compact zig-zag pinning
- ✓ Angled connection enables multi-row arrangement on the PCB



Key Commercial Data

| | |
|--------------------------------------|---------------|
| Packing unit | 1 pc |
| Minimum order quantity | 50 pc |
| GTIN | |
| GTIN | 4046356789189 |
| Weight per Piece (excluding packing) | 78.800 g |
| Custom tariff number | 85369010 |
| Country of origin | Germany |

Technical data

Dimensions

| | |
|--------------|---------|
| Length [l] | 32.7 mm |
| Pitch | 10 mm |
| Dimension a | 60 mm |
| Width [w] | 70 mm |

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Technical data

Dimensions

| | |
|----------------|---------|
| Height | 38.1 mm |
| Height [h] | 42.2 mm |
| Solder pin [P] | 4.1 mm |
| Pin spacing | 15 mm |
| Hole diameter | 1.7 mm |

General

| | |
|--|--------------------|
| Range of articles | SPTA 16/ |
| 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) | 1000 V |
| Rated voltage (III/2) | 1000 V |
| Rated voltage (II/2) | 1000 V |
| Connection in acc. with standard | EN-VDE |
| Nominal current I_N | 76 A |
| Nominal cross section | 16 mm ² |
| Insulating material | PA |
| Flammability rating according to UL 94 | V0 |
| Stripping length | 18 mm |
| Number of positions | 7 |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.75 mm ² |
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section flexible min. | 0.75 mm ² |
| Conductor cross section flexible max. | 16 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve min. | 0.75 mm ² |
| Conductor cross section flexible, with ferrule without plastic sleeve max. | 16 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve min. | 0.75 mm ² |
| Conductor cross section flexible, with ferrule with plastic sleeve max. | 10 mm ² |
| Conductor cross section AWG min. | 18 |
| Conductor cross section AWG max. | 4 |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.75 mm ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 4 mm ² |

Standards and Regulations

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Technical data

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 4.1 | 27141100 |
| 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 3.0 | EC001121 |
| ETIM 4.0 | EC002637 |
| ETIM 5.0 | EC002643 |
| ETIM 6.0 | EC002643 |
| ETIM 7.0 | EC002643 |

UNSPSC

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

Approvals

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IECEE CB Scheme / VDE Zeichengenehmigung / EAC / cULus Recognized


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Approvals


Ex Approvals

Approval details

| | | | |
|----------------------------|---|---|--------------|
| IECEE CB Scheme |  | http://www.iecee.org/ | CB DE1-61015 |
| Nominal voltage UN | 1000 V | | |
| Nominal current IN | 76 A | | |
| mm ² /AWG/kcmil | 0.75-16 | | |

| | | | |
|----------------------------|---|---|----------|
| VDE Zeichengenehmigung |  | http://www2.vde.com/de/Institut/Online-Service/VDE-gepruefteProdukte/Seiten/Online-Suche.aspx | 40041641 |
| Nominal voltage UN | 1000 V | | |
| Nominal current IN | 76 A | | |
| mm ² /AWG/kcmil | 0.75-16 | | |

| | | | |
|-----|---|--|---------|
| EAC |  | | B.01742 |
|-----|---|--|---------|

| | | | |
|----------------------------|---|---|-----------------|
| cULus Recognized |  | http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm | E60425-20061129 |
| | B | C | |
| Nominal voltage UN | 600 V | 600 V | |
| Nominal current IN | 51 A | 51 A | |
| mm ² /AWG/kcmil | 18-4 | 18-4 | |

Accessories

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Bridge

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Accessories

Plug-in bridge - FBSK 2-10/ZFKDS 10 - 1986644



Fixed bridge, fully insulated, pitch: 10 mm, no. of positions: 2

Plug-in bridge - FBSK 3-10/ZFKDS 10 - 1986657



Fixed bridge, fully insulated, pitch: 10 mm, no. of positions: 3

Plug-in bridge - FBSK 4-10/ZFKDS 10 - 1986660



Fixed bridge, fully insulated, pitch: 10 mm, no. of positions: 4

Crimping tool

Crimping pliers - CRIMPFOX 6 - 1212034



Crimping pliers, for ferrules without insulating collar according to DIN 46228 Part 1 and ferrules with insulating collar according to DIN 46228 Part 4, 0.25 mm² ... 6.0 mm², lateral entry, trapezoidal crimp

Crimping pliers - CRIMPFOX 16 S - 1207983



Crimping pliers for ferrules up to 16 mm²

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Screwdriver tools

Screwdriver - SZF 2-0,8X4,0 - 1204520



Actuation tool, for ST terminal blocks, also suitable for use as a bladed screwdriver, size: 0.8 x 4.0 x 100 mm, 2-component grip, with non-slip grip