

PCB terminal block - SPT 5/ 7-H-7,5-ZB - 1719244

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PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 7, Connection method: Spring-cage connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, 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: horizontal (0° -H) 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) | 25.98 GRM |
| Custom tariff number | 85369010 |
| Country of origin | Bulgaria |

Technical data

Dimensions

| | |
|----------------|-----------|
| Pitch | 7.5 mm |
| Dimension a | 45 mm |
| Pin dimensions | 1,7 x 0,8 |
| Pin spacing | 13.2 mm |
| Hole diameter | 2.1 mm |

General

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

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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 ² |
| Insulating material | PA |
| Solder pin surface | Sn |
| Inflammability class according to UL 94 | V0 |
| Stripping length | 15 mm |
| Number of positions | 7 |

Connection data

| | |
|---|----------------------|
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 10 mm ² |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 6 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 6 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve min. | 0.25 mm ² |
| Conductor cross section stranded, with ferrule with plastic sleeve max. | 4 mm ² |
| 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 ² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm ² |
| Minimum AWG according to UL/CUL | 24 |
| Maximum AWG according to UL/CUL | 8 |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27141109 |
|------------|----------|

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Classifications

eCl@ss

| | |
|------------|----------|
| 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

Approvals

UL Recognized / SEV / cUL Recognized / CCA / IECCEB Scheme / GOST / UL Recognized / cUL Recognized / GOST / cULus Recognized


Ex Approvals

Approvals submitted


Approval details

PCB terminal block - SPT 5/ 7-H-7,5-ZB - 1719244


Approvals

| | | |
|---|-------|-------|
| UL Recognized  | | |
| | B | C |
| mm ² /AWG/kcmil | 24-8 | 24-8 |
| Nominal current I _N | 36 A | 36 A |
| Nominal voltage U _N | 600 V | 600 V |

| | |
|--------------------------------|--------|
| SEV | |
| | |
| mm ² /AWG/kcmil | 6 |
| Nominal current I _N | 41 A |
| Nominal voltage U _N | 1000 V |

| | | |
|--|-------|-------|
| cUL Recognized  | | |
| | B | C |
| mm ² /AWG/kcmil | 24-8 | 24-8 |
| Nominal current I _N | 36 A | 36 A |
| Nominal voltage U _N | 600 V | 600 V |

| | |
|--------------------------------|--------|
| CCA | |
| | |
| mm ² /AWG/kcmil | 6 |
| Nominal current I _N | 41 A |
| Nominal voltage U _N | 1000 V |

| | |
|---|--------|
| IECEE CB Scheme  | |
| | |
| mm ² /AWG/kcmil | 6 |
| Nominal current I _N | 41 A |
| Nominal voltage U _N | 1000 V |

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Approvals

GOST

UL Recognized

| | B | C |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 24-8 | 24-8 |
| Nominal current I _N | 36 A | 36 A |
| Nominal voltage U _N | 600 V | 600 V |

cUL Recognized

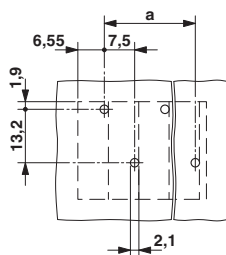
| | B | C |
|--------------------------------|-------|-------|
| mm ² /AWG/kcmil | 24-8 | 24-8 |
| Nominal current I _N | 36 A | 36 A |
| Nominal voltage U _N | 600 V | 600 V |

GOST

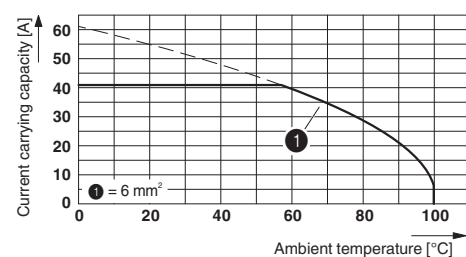
cULus Recognized

Drawings

Drilling diagram



Diagram



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Dimensioned drawing

