

## PCB terminal block - SPT-THR 1,5/ 8-H-5,08 P20 R56 - 1824022

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The illustration shows the 10-position version

PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 320 V, Pitch: 5.08 mm, Number of positions: 8, Connection method: Spring-cage connection, Mounting: Taped SMD/THT/THR components, Conductor/PCB connection direction: 0 °, Color: black, Sample values available under SAMPLE SPT...



### Key commercial data

|                                      |                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit                         | 250 pc                                                                                                  |
| Minimum order quantity               | 250 pc                                                                                                  |
| GTIN                                 | <br>4 046356 814904 |
| Weight per Piece (excluding packing) | 8.88 g                                                                                                  |
| Custom tariff number                 | 85369010                                                                                                |
| Country of origin                    | Germany                                                                                                 |
| Note                                 | Made to Order (non-returnable)                                                                          |

### Technical data

#### Dimensions

|                |              |
|----------------|--------------|
| Length         | 13.6 mm      |
| Height         | 7.7 mm       |
| Width          | 39.56 mm     |
| Pitch          | 5.08 mm      |
| Dimension a    | 35.56 mm     |
| Pin dimensions | 0,7 x 0,3 mm |
| Pin spacing    | 7 mm         |
| Hole diameter  | 1.1 mm       |

#### General

|                             |                   |
|-----------------------------|-------------------|
| Range of articles           | SPT 1,5/...-H-THR |
| Insulating material group   | IIIa              |
| Rated surge voltage (III/3) | 4 kV              |
| Rated surge voltage (III/2) | 4 kV              |

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## Technical data

### General

|                                         |                     |
|-----------------------------------------|---------------------|
| Rated surge voltage (II/2)              | 4 kV                |
| Rated voltage (III/3)                   | 250 V               |
| Rated voltage (III/2)                   | 320 V               |
| Rated voltage (II/2)                    | 500 V               |
| Connection in acc. with standard        | EN-VDE              |
| Nominal current $I_N$                   | 13.5 A              |
| Nominal cross section                   | 1.5 mm <sup>2</sup> |
| Insulating material                     | LCP                 |
| Solder pin surface                      | Sn                  |
| Inflammability class according to UL 94 | V0                  |
| Stripping length                        | 8 mm                |
| Number of positions                     | 8                   |

### 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.                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.2 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.2 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                   |

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27141111 |
| 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 |

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### Classifications

#### 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 / cUL Recognized / EAC / cULus Recognized

##### Ex Approvals

##### Approvals submitted

#### Approval details

| UL Recognized  |       |       |
|---------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                   | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                                        | 24-16 | 24-16 |
| Nominal current I <sub>N</sub>                                                                    | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                    | 300 V | 300 V |

| cUL Recognized  |       |       |
|----------------------------------------------------------------------------------------------------|-------|-------|
|                                                                                                    | B     | D     |
| mm <sup>2</sup> /AWG/kcmil                                                                         | 24-16 | 24-16 |
| Nominal current I <sub>N</sub>                                                                     | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 300 V |

|     |
|-----|
| EAC |
|-----|

## PCB terminal block - SPT-THR 1,5/ 8-H-5,08 P20 R56 - 1824022

### Approvals

cULus Recognized 

### Accessories

#### Accessories

#### Connector

Ferrule - A 0,5 - 8 - 3202481



Ferrule, Length: 8 mm, Color: silver

Ferrule - A 0,75- 8 - 3202504



Ferrule, Length: 8 mm, Color: silver

Ferrule - A 1 - 8 - 3202517



Ferrule, Length: 8 mm, Color: silver

Ferrule - AI 0,25- 8 YE - 3203037



Ferrule, Sleeve length: 8 mm, Length: 12.5 mm, Color: yellow

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### Accessories

Ferrule - AI 0,5 - 8 WH - 3200014



Ferrule, Sleeve length: 8 mm, Length: 14 mm, Color: white

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Ferrule - AI 0,5 - 8 WH -1000 - 3200881



Ferrule, Sleeve length: 8 mm, Length: 14 mm, Color: white

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Ferrule - AI 0,75- 8 GY - 3200519



Ferrule, Sleeve length: 8 mm, Length: 14 mm, Color: gray

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Ferrule - AI 0,75- 8 GY -1000 - 3200894



Ferrule, Sleeve length: 8 mm, Length: 14 mm, Color: gray

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### 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 mm<sup>2</sup> ... 6.0 mm<sup>2</sup>, lateral entry, trapezoidal crimp

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### Screwdriver tools

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### Accessories

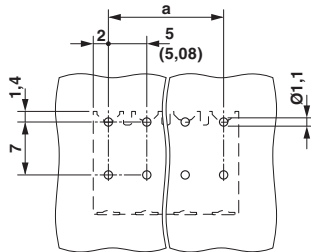
Screwdriver - SZS 0,4X2,5 VDE - 1205037



Screwdriver, slot-headed, VDE insulated, size: 0.4 x 2.5 x 80 mm, 2-component grip, with non-slip grip

### Drawings

Drilling diagram



Dimensioned drawing

