

## SPT 5/ 3-V-7,5-ZB MIXWH/BK/RD - 1799329

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PCB terminal block, Nominal current: 41 A, Nom. voltage: 1000 V, Pitch: 7.5 mm, Number of positions: 3, Connection method: Push-in spring connection, Mounting: Wave soldering, Conductor/PCB connection direction: 90 °, Color: multi-color



### Key Commercial Data

|                      |                                                                                                       |
|----------------------|-------------------------------------------------------------------------------------------------------|
| Packing unit         | 1                                                                                                     |
| GTIN                 | <br>4 046356 670869 |
| Custom tariff number | 85369010                                                                                              |

### Technical data

#### Dimensions

|                          |           |
|--------------------------|-----------|
| Pitch                    | 7.50 mm   |
| Dimension a              | 15 mm     |
| Length of the solder pin | 4.6 mm    |
| Pin dimensions           | 1,7 x 0,8 |
| Pin spacing              | 14 mm     |
| Hole diameter            | 2.1 mm    |

#### General

|                                  |                   |
|----------------------------------|-------------------|
| Range of articles                | SPT 5/..-V        |
| 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> |
| Solder pin surface               | Sn                |

## SPT 5/ 3-V-7,5-ZB MIXWH/BK/RD - 1799329

### Technical data

#### General

|                     |       |
|---------------------|-------|
| Stripping length    | 15 mm |
| Number of positions | 3     |

#### Connection data

|                                                                                         |          |
|-----------------------------------------------------------------------------------------|----------|
| Conductor cross section AWG min.                                                        | 24       |
| Conductor cross section AWG max.                                                        | 8        |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.25 mm² |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 1.5 mm²  |

#### Standards and Regulations

|                                  |        |
|----------------------------------|--------|
| Connection in acc. with standard | EN-VDE |
|----------------------------------|--------|

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27141190 |
| eCl@ss 6.0 | 27261101 |
| eCl@ss 7.0 | 27440401 |
| eCl@ss 8.0 | 27440401 |
| eCl@ss 9.0 | 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 |

## SPT 5/ 3-V-7,5-ZB MIXWH/BK/RD - 1799329

### Approvals

#### Approvals

##### Approvals

SEV / CCA / IEC EE CB Scheme / EAC / EAC

##### Ex Approvals

##### Approvals submitted

### Approval details

| SEV                            |        |
|--------------------------------|--------|
| mm <sup>2</sup> /AWG/kcmil     | 6      |
| Nominal current I <sub>N</sub> | 41 A   |
| Nominal voltage U <sub>N</sub> | 1000 V |

| CCA                            |        |
|--------------------------------|--------|
| mm <sup>2</sup> /AWG/kcmil     | 6      |
| Nominal current I <sub>N</sub> | 41 A   |
| Nominal voltage U <sub>N</sub> | 1000 V |

| IECEE CB Scheme  |        |
|-----------------------------------------------------------------------------------------------------|--------|
| mm <sup>2</sup> /AWG/kcmil                                                                          | 6      |
| Nominal current I <sub>N</sub>                                                                      | 41 A   |
| Nominal voltage U <sub>N</sub>                                                                      | 1000 V |

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