

## PCB terminal block - MKKDSN 1,5/ 6 - 1726134

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PCB terminal block, Nominal current: 13.5 A, Nom. voltage: 400 V, Pitch: 5 mm, Number of positions: 6, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

The illustration shows a 5-position version

### Product Features

- ✓ Offset levels for optimum access to the terminal points
- ✓ Compact housing dimensions and low design height
- ✓ 5.0 or 5.08 mm pitch
- ✓ Conductor cross sections up to 1.5 mm<sup>2</sup>
- ✓ Double-level type with high packing and connection density

### Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| GTIN             | 4017918025403 |

### Technical data

#### Dimensions

|                |            |
|----------------|------------|
| Length         | 18.3 mm    |
| Pitch          | 5 mm       |
| Dimension a    | 25 mm      |
| Pin dimensions | 0,5 x 1 mm |
| Hole diameter  | 1.3 mm     |

#### General

|                                  |                     |
|----------------------------------|---------------------|
| Range of articles                | MKKDSN 1,5          |
| Insulating material group        | I                   |
| Rated surge voltage (III/3)      | 4 kV                |
| Rated surge voltage (III/2)      | 4 kV                |
| Rated surge voltage (II/2)       | 4 kV                |
| Rated voltage (III/3)            | 250 V               |
| Rated voltage (III/2)            | 400 V               |
| Rated voltage (II/2)             | 630 V               |
| Connection in acc. with standard | EN-VDE              |
| Nominal current I <sub>N</sub>   | 13.5 A              |
| Nominal cross section            | 1.5 mm <sup>2</sup> |

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## Technical data

### General

|                                         |        |
|-----------------------------------------|--------|
| Maximum load current                    | 13.5 A |
| Insulating material                     | PA     |
| Solder pin surface                      | Sn     |
| Inflammability class according to UL 94 | V0     |
| Internal cylindrical gage               | A 1    |
| Stripping length                        | 6 mm   |
| Number of positions                     | 6      |
| Screw thread                            | M3     |
| Tightening torque, min                  | 0.5 Nm |
| Tightening torque max                   | 0.6 Nm |

### Connection data

|                                                                                         |                      |
|-----------------------------------------------------------------------------------------|----------------------|
| Conductor cross section solid min.                                                      | 0.14 mm <sup>2</sup> |
| Conductor cross section solid max.                                                      | 1.5 mm <sup>2</sup>  |
| Conductor cross section stranded min.                                                   | 0.14 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.              | 0.25 mm <sup>2</sup> |
| Conductor cross section stranded, with ferrule without plastic sleeve max.              | 1 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.                 | 1 mm <sup>2</sup>    |
| Conductor cross section AWG/kcmil min.                                                  | 26                   |
| Conductor cross section AWG/kcmil max                                                   | 16                   |
| 2 conductors with same cross section, solid min.                                        | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, solid max.                                        | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded min.                                     | 0.14 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded max.                                     | 0.75 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   | 0.25 mm <sup>2</sup> |
| 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min. | 0.5 mm <sup>2</sup>  |
| 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max. | 0.5 mm <sup>2</sup>  |
| Minimum AWG according to UL/CUL                                                         | 30                   |
| Maximum AWG according to UL/CUL                                                         | 14                   |

## 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

CSA / UL Recognized / cUL Recognized / GOST / GOST / cULus Recognized /

#### Approval details

|  |       |       |
|-------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                           | B     | D     |
| Nominal voltage UN                                                                  | 150 V | 300 V |
| Nominal current IN                                                                  | 10 A  | 10 A  |
| mm²/AWG/kcmil                                                                       | 28-14 | 28-14 |

|  |       |       |
|-------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                           | B     | D     |
| Nominal voltage UN                                                                  | 300 V | 300 V |
| Nominal current IN                                                                  | 10 A  | 10 A  |
| mm²/AWG/kcmil                                                                       | 30-14 | 30-14 |

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### approvals

| cUL Recognized  |       |       |
|--------------------------------------------------------------------------------------------------|-------|-------|
| Usegroups                                                                                        | B     | D     |
| Nominal voltage UN                                                                               | 300 V | 300 V |
| Nominal current IN                                                                               | 10 A  | 10 A  |
| mm²/AWG/kcmil                                                                                    | 30-14 | 30-14 |

|                                                                                        |
|----------------------------------------------------------------------------------------|
| GOST  |
|----------------------------------------------------------------------------------------|

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

|                                                                                                      |
|------------------------------------------------------------------------------------------------------|
| cULus Recognized  |
|------------------------------------------------------------------------------------------------------|

### accessories

#### Screwdriver tools

SZS 0,6X3,5 - 1205053



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#### Labeled terminal marker

SK 5/3,8:FORTL.ZAHLEN - 0804183



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#### Terminal marking

## PCB terminal block - MKKDSN 1,5/ 6 - 1726134

### accessories

SK 5/3,8:UNBEDRUCKT - 0805409



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### Marker pen

B-STIFT - 1051993



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### Bridge

EBP 2- 5 - 1733169



EBP 3- 5 - 1733172



EBP 6- 5 - 1733208



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accessories

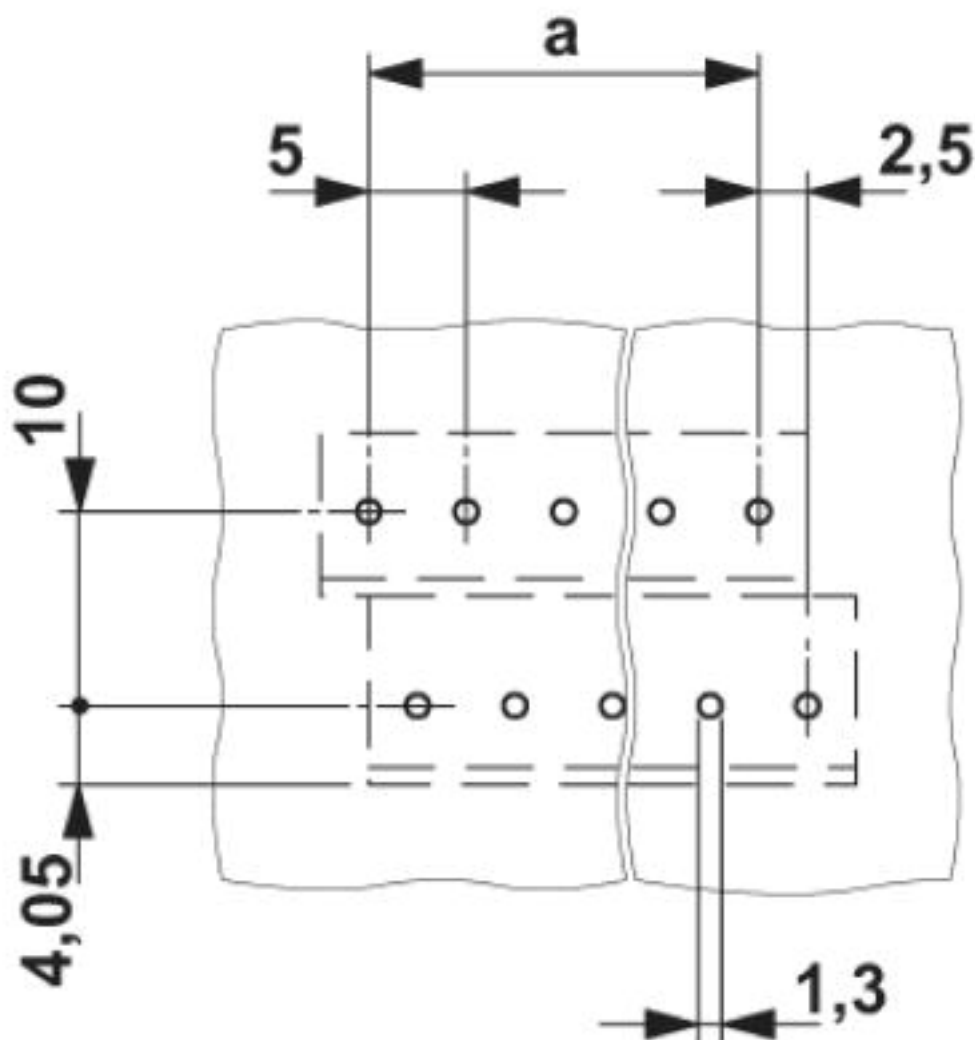
SK 5/3,8:SO - 0805072



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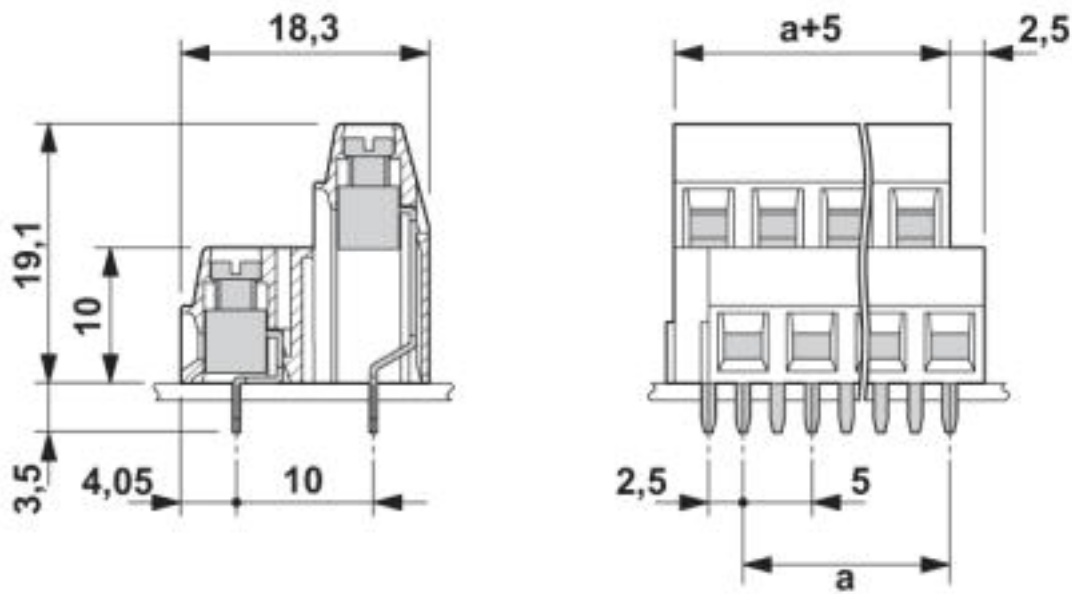
### Drawings

Drilling diagram



## PCB terminal block - MKKDSN 1,5/ 6 - 1726134

Dimensioned drawing



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