

## PCB terminal block - MK3DSN 1,5/ 3-5,08 - 1723292

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PC terminal block, Nominal current: 10 A, Nom. voltage: 400 V, Pitch: 5.08 mm, Number of positions: 3, Connection method: Screw connection, Mounting: Soldering, Conductor/PCB connection direction: 0 °, Color: green, The article can be aligned to create different nos. of positions!

### Why buy this product

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



### Key commercial data

|                        |                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------|
| Packing unit           | 1                                                                                                       |
| Minimum order quantity | 1                                                                                                       |
| Catalog page           | Page 85 (CC-2011)                                                                                       |
| GTIN                   | <br>4 017918 025229 |
| Custom tariff number   | 85369010                                                                                                |
| Country of origin      | GERMANY                                                                                                 |

### Technical data

#### Dimensions / positions

|                        |            |
|------------------------|------------|
| Length                 | 28.1 mm    |
| Pitch                  | 5.08 mm    |
| Dimension a            | 10.16 mm   |
| Number of positions    | 3          |
| Pin dimensions         | 0,5 x 1 mm |
| Hole diameter          | 1.3 mm     |
| Screw thread           | M3         |
| Tightening torque, min | 0.5 Nm     |
| Tightening torque max  | 0.6 Nm     |

### Technical data

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## Technical data

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|                                         |                     |
|-----------------------------------------|---------------------|
| Range of articles                       | MK3DSN 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>          | 10 A                |
| Nominal cross section                   | 1.5 mm <sup>2</sup> |
| Maximum load current                    | 10 A                |
| Insulating material                     | PA                  |
| Inflammability class according to UL 94 | V2                  |
| Internal cylindrical gage               | A 1                 |
| Stripping length                        | 6 mm                |
| Nominal voltage, UL/CUL Use Group B     | 300 V               |
| Nominal current, UL/CUL Use Group B     | 10 A                |
| Nominal voltage, UL/CUL Use Group D     | 300 V               |
| Nominal current, UL/CUL Use Group D     | 10 A                |

### 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.            | 1.5 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.               | 1.5 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>  |
| Minimum AWG according to UL/CUL                                                       | 30                   |

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### Technical data

#### Connection data

|                                 |    |
|---------------------------------|----|
| Maximum AWG according to UL/CUL | 14 |
|---------------------------------|----|

### Classifications

#### eclass

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

#### 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

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##### Approvals

CSA / UL Recognized / SEV / cUL Recognized / GOST / CCA / IECEE CB Scheme / GOST / cULus Recognized

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##### Ex Approvals

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##### Approvals submitted

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##### Approval details

## PCB terminal block - MK3DSN 1,5/ 3-5,08 - 1723292

### Approvals

| CSA  |       |       |
|---------------------------------------------------------------------------------------|-------|-------|
|                                                                                       | B     | D     |
| mm²/AWG/kcmil                                                                         | 28-14 | 28-14 |
| Nominal current I <sub>N</sub>                                                        | 10 A  | 10 A  |
| Nominal voltage U <sub>N</sub>                                                        | 150 V | 300 V |

| UL Recognized  |       |       |   |
|-------------------------------------------------------------------------------------------------|-------|-------|---|
|                                                                                                 |       | B     | D |
| mm²/AWG/kcmil                                                                                   | 18    | 18    |   |
| Nominal current I <sub>N</sub>                                                                  | 10 A  | 10 A  |   |
| Nominal voltage U <sub>N</sub>                                                                  | 300 V | 300 V |   |

| SEV                            |       |
|--------------------------------|-------|
|                                |       |
| mm²/AWG/kcmil                  | 1.5   |
| Nominal voltage U <sub>N</sub> | 250 V |

| cUL Recognized  |       |       |   |
|----------------------------------------------------------------------------------------------------|-------|-------|---|
|                                                                                                    |       | B     | D |
| mm²/AWG/kcmil                                                                                      | 18    | 18    |   |
| Nominal current I <sub>N</sub>                                                                     | 10 A  | 10 A  |   |
| Nominal voltage U <sub>N</sub>                                                                     | 300 V | 300 V |   |

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

|     |
|-----|
| CCA |
|-----|

|                 |
|-----------------|
| IECEE CB Scheme |
|-----------------|

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

## PCB terminal block - MK3DSN 1,5/ 3-5,08 - 1723292

### Approvals

cULus Recognized 

### Accessories

#### Accessories

#### Marking

Marker cards - SK 5,08/3,8:FORTL.ZAHLEN - 0804293



Marker cards, Card, white, labeled, Horizontal: Consecutive numbers 1 - 10, 11 - 20, etc. up to 91 - (99)100, Mounting type: Adhesive, For terminal block width: 5.08 mm

#### Tools

Screwdriver - SZS 0,6X3,5 - 1205053



Actuation tool, for ST terminal blocks, insulated, also suitable for use as a bladed screwdriver, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

Insertion bridge - EBP 2- 5 - 1733169

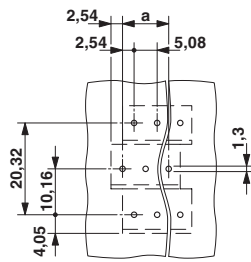


Insertion bridge, fully insulated, for plug connectors with 5.0 or 5.08 mm pitch, no. of positions: 2

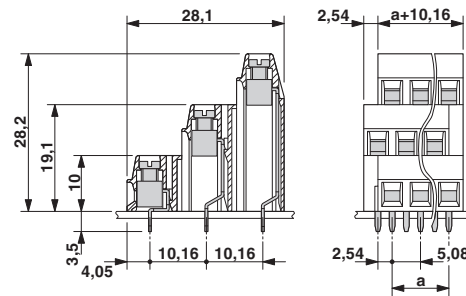
### Drawings

## PCB terminal block - MK3DSN 1,5/ 3-5,08 - 1723292

Drilling diagram



Dimensioned drawing



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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
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