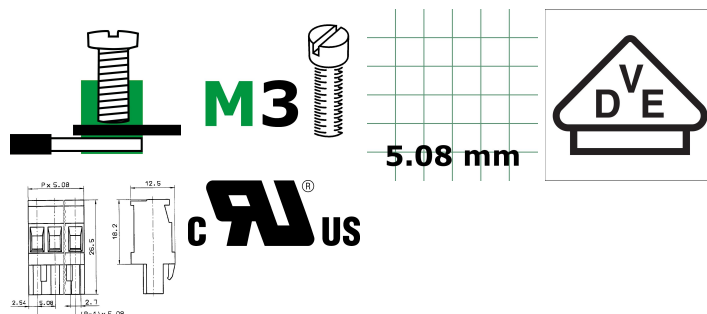


# Data sheet

11312.1

PKB 1100/9/5,08 GN



Female socket block, Screw connection, No. of poles: 9, Width: 45.72 mm, Colour: Green

## Business data

|  |                |
|--|----------------|
| Connector version                          | Free connector |
| Packaging unit                             | 50             |
| Quantity unit                              | PC             |
| Packaging type                             | Carton         |
| Type of banding                            | Without        |
| Weight per piece (not including packaging) | 18.9 g         |
| Weight per piece (including packaging)     | 20.09 g        |
| Unit of weight                             | G              |
| Customs number                             | 85366930       |
| Country of origin                          | TN             |

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## Technical data

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### Dimensions

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|             |          |
|-------------|----------|
| Length      | 12.5 mm  |
| Width       | 45.72 mm |
| Width left  | 2.54 mm  |
| Width right | 2.54 mm  |
| Height      | 26.5 mm  |
| Pitch       | 5.08 mm  |

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### Ratings

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|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 250 V               |
| Rated current         | 10 A                |
| Rated cross-section   | 2.5 mm <sup>2</sup> |
| Rated impulse voltage | 4 kV                |
| Overvoltage category  | III                 |
| Contamination degree  | 3                   |

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### Technical data

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#### Connection data

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|  |                          |
|--|--------------------------|
| Connection principle                                     | Screw connection         |
| Angle of wire connection/contact                         | 90° (vertically upwards) |
| Number of plug-in rows                                   | 1                        |
| No. of poles   | 9                        |
| Contact version  | Female connector         |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.2 mm <sup>2</sup>      |
| Wire cross-section single core (rigid)/stranded, max.    | 4 mm <sup>2</sup>        |
| Wire cross-section stranded, min.                        | 0.2 mm <sup>2</sup>      |
| Wire cross-section stranded, max.                        | 2.5 mm <sup>2</sup>      |
| Wire cross-section stranded with wire-end ferrules, min. | 0.25 mm <sup>2</sup>     |
| Wire cross-section stranded with wire-end ferrules, max. | 2.5 mm <sup>2</sup>      |
| Wire cross-section AWG, min.                             | 22                       |
| Wire cross-section AWG, max.                             | 10                       |
| Stripping length   | 7 mm                     |
| Screw threading  | M 3                      |
| Torque   | 0.5 Nm                   |

#### Materials

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|                           |               |
|---------------------------|---------------|
| Insulation housing        | Polyamide 6.6 |
| Flammability class UL 94  | V-0           |
| Working temperature, min. | -30 °C        |
| Working temperature, max. | 105 °C        |
| Clamping element          | Brass         |
| Contact spring            | Bronze        |
| Screws                    | Steel         |

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## Technical data

### Further technical data

|  |                             |
|--|-----------------------------|
| Storage temperature, min.                      | -40 °C                      |
| Storage temperature, max.                      | 105 °C                      |
| Insulation resistance                          | 1*10 <sup>13</sup> Ohm x cm |
| Creepage-current resistance                    | CTI 600                     |
| Glow wire flammability index GWFI              | GWFI 850                    |
| GWFI after-glow time                           | 30 Sek.                     |
| Glow wire ignition temperature GWIT            | GWIT 775 °C                 |
| GWIT exposure time                             | 5 Sek.                      |
| Connection cycles, in compliance with standard | 5                           |
| Plug-in cycles acc. to standard                | 100                         |

### Print

|        |       |
|--------|-------|
| Colour | Green |
|--------|-------|

### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | No         |
| REACH Reference date           | 2021-07-08 |
| REACH Candidate Substance Note | No         |
| REACH CAS 1 Substance          | LEAD       |
| REACH CAS 1 Percent minimal    | 0.1 %      |
| REACH CAS 1 Percent maximum    | 4 %        |
| REACH CAS 1 Number             | 7439-92-1  |
| RoHS Conform                   | yes        |
| RoHS Exception rule            | 6c         |

### Approvals

#### cUL Recognized

|  |                 |
|--|-----------------|
| cUL approval   | CSA 22.2 No.158 |
| cUL Usegroup B: rated voltage                        | 300 V           |
| cUL Usegroup B: rated current                        | 15 A            |
| cUL Usegroup C: rated voltage                        | 150 V           |
| cUL Usegroup C: rated current                        | 15 A            |
| cUL Usegroup D: rated voltage                        | 300 V           |
| cUL Usegroup D: rated current                        | 10 A            |
| cUL wire cross-section single-core (rigid) AWG, min. | 22              |
| cUL wire cross-section single-core (rigid) AWG, max. | 10              |
| cUL wire cross-section stranded AWG, min.            | 22              |
| cUL wire cross-section stranded AWG, max.            | 10              |
| cUL torque   | 0.5 Nm          |
| cUL wire material                                    | Cu              |
| cUL Recognized                                       | yes             |

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### Approvals

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#### UL Recognized

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|   |            |
|---|------------|
| UL approval   | UL 1059    |
| UL Usegroup B: rated voltage                        | 300 V      |
| UL Usegroup B: rated current                        | 15 A       |
| UL Usegroup C: rated voltage                        | 150 V      |
| UL Usegroup C: rated current                        | 15 A       |
| UL Usegroup D: rated voltage                        | 300 V      |
| UL Usegroup D: rated current                        | 10 A       |
| UL wire cross-section single-core (rigid) AWG, min. | 22         |
| UL wire cross-section single-core (rigid) AWG, max. | 10         |
| UL wire cross-section stranded AWG, min.            | 22         |
| UL wire cross-section stranded AWG, max.            | 10         |
| UL torque   | 4.43 Lb In |
| UL wire material                                    | Cu         |
| UL factory wiring                                   | yes        |
| UL field wiring                                     | yes        |
| UL Recognized                                       | yes        |

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### Approvals

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#### VDE approval

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|   |                     |
|---|---------------------|
| VDE approval  | DIN EN 61984        |
| VDE approval granted                                | yes                 |
| VDE rated voltage                                   | 250 V               |
| VDE rated current                                   | 10 A                |
| VDE rated current wire cross-section rigid, min.    | 6 A                 |
| VDE rated current wire cross-section rigid, max.    | 10 A                |
| VDE rated current wire cross-section stranded, min. | 6 A                 |
| VDE rated current wire cross-section stranded, max. | 10 A                |
| VDE rated impulse voltage                           | 4 kV                |
| VDE wire cross-section rigid, min.                  | 0.5 mm <sup>2</sup> |
| VDE wire cross-section rigid, max.                  | 2.5 mm <sup>2</sup> |
| VDE wire cross-section stranded, min.               | 0.5 mm <sup>2</sup> |
| VDE wire cross-section stranded, max.               | 2.5 mm <sup>2</sup> |
| VDE screw threading                                 | M 3                 |
| VDE torque  | 0.5 Nm              |
| VDE overvoltage category                            | III                 |
| VDE contamination degree                            | 3                   |

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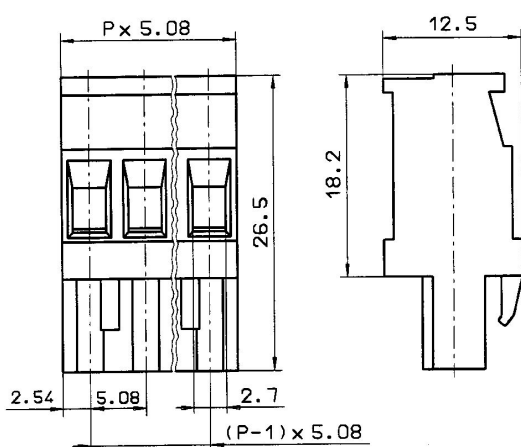
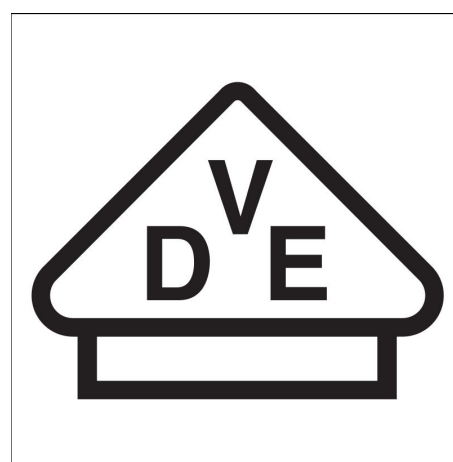
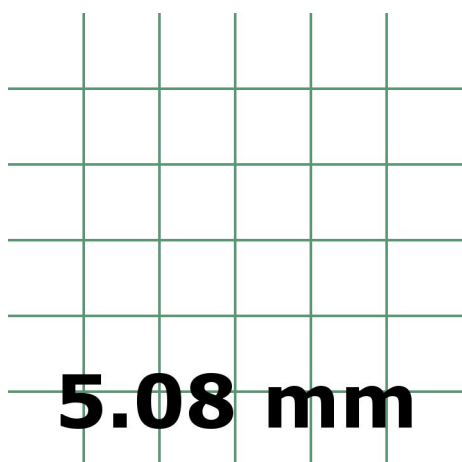
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## Media



**M3**



**CRUS**®



# Data sheet

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## Accessories

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