



Inverted female socket block, Screw connection, No. of poles: 8, Width: 42.14 mm, Colour: Green

### Business data

|  |                     |
|--|---------------------|
| Article number                             | <u>14202.1</u>      |
| Article name                               | IPKBZ 950/8/5,08 GN |
| GTIN (EAN)                                 | 4044211173098       |
| Connector version                          | Free connector      |
| Packaging unit                             | 50                  |
| Quantity unit                              | PC                  |
| Packaging type                             | Carton              |
| Type of banding                            | Without             |
| Weight per piece (not including packaging) | 12.94 g             |
| Weight per piece (including packaging)     | 13.69 g             |
| Unit of weight                             | G                   |
| Customs number                             | 85366930            |
| Country of origin                          | TW                  |
| Colour                                     | Green               |

### Technical data

#### Dimensions

|             |          |
|-------------|----------|
| Length      | 15 mm    |
| Width       | 42.14 mm |
| Width left  | 3.29 mm  |
| Width right | 3.29 mm  |
| Height      | 19.2 mm  |
| Pitch       | 5.08 mm  |

#### Ratings

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

#### Connection data

|  |                      |
|--|----------------------|
| Connection principle                                     | Screw connection     |
| Angle of wire connection/contact                         | 0°/180° (horizontal) |
| Number of plug-in rows                                   | 1                    |
| No. of poles   | 8                    |
| 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.                        | 4 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.                             | 28                   |
| Wire cross-section AWG, max.                             | 12                   |
| Stripping length   | 7 mm                 |
| Screw threading  | M 3                  |
| Torque   | 0.5 Nm               |

### Technical data

#### Materials

|                           |               |
|---------------------------|---------------|
| 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 pin               | Brass         |
| Screws                    | Steel         |

#### 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                         |

#### Environmental Product Compliance

|                                |            |
|--------------------------------|------------|
| REACH Conform                  | No         |
| REACH Reference date           | 2023-06-14 |
| 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                        | 10 A            |
| cUL Usegroup D: rated voltage                        | 300 V           |
| cUL Usegroup D: rated current                        | 10 A            |
| cUL wire cross-section single-core (rigid) AWG, min. | 28              |
| cUL wire cross-section single-core (rigid) AWG, max. | 12              |
| cUL wire cross-section stranded AWG, min.            | 28              |
| cUL wire cross-section stranded AWG, max.            | 12              |
| cUL torque   | 0.5 Nm          |
| cUL wire material                                    | Cu              |
| cUL Recognized                                       | 1               |

#### UL Recognized

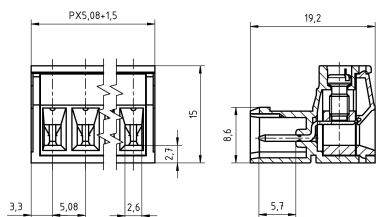
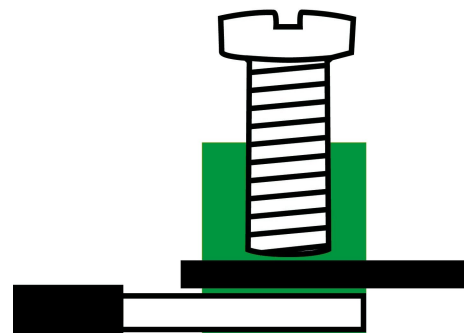
|   |            |
|---|------------|
| UL approval   | UL 1059    |
| UL Usegroup B: rated voltage                        | 300 V      |
| UL Usegroup B: rated current                        | 10 A       |
| UL Usegroup D: rated voltage                        | 300 V      |
| UL Usegroup D: rated current                        | 10 A       |
| UL wire cross-section single-core (rigid) AWG, min. | 28         |
| UL wire cross-section single-core (rigid) AWG, max. | 12         |
| UL wire cross-section stranded AWG, min.            | 28         |
| UL wire cross-section stranded AWG, max.            | 12         |
| UL torque   | 4.43 Lb In |
| UL wire material                                    | Cu         |
| UL factory wiring                                   | 1          |
| UL field wiring                                     | 1          |
| UL Recognized                                       | 1          |

### Approvals

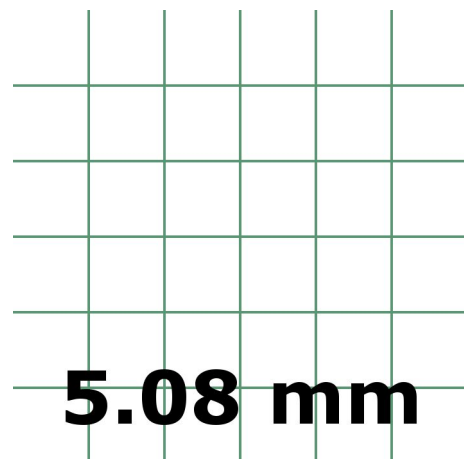
#### VDE approval

|   |                     |
|---|---------------------|
| 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.    | 4 A                 |
| VDE rated current wire cross-section rigid, max.    | 10 A                |
| VDE rated current wire cross-section stranded, min. | 4 A                 |
| VDE rated current wire cross-section stranded, max. | 10 A                |
| VDE rated impulse voltage                           | 4 kV                |
| VDE wire cross-section rigid, min.                  | 0.2 mm <sup>2</sup> |
| VDE wire cross-section rigid, max.                  | 2.5 mm <sup>2</sup> |
| VDE wire cross-section stranded, min.               | 0.2 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                   |

### Media



**M3**



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### Accessories

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