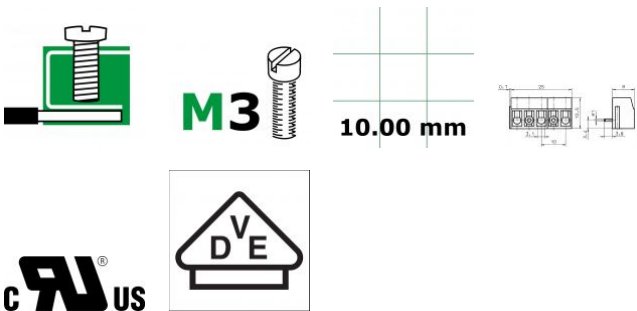
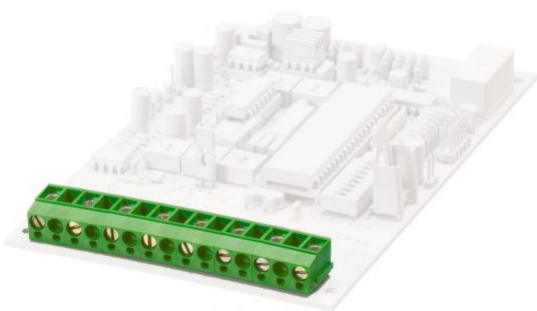


13512.1

PK 100/16/10,00-H GN

PK 100/16/10,00-H GN



PCB terminal, Wire protection, No. of poles: 16, Width: 155.7 mm, Colour: Green

## Business data

|                                            |          |
|--------------------------------------------|----------|
| Packaging unit                             | 50       |
| Quantity unit                              | PC       |
| Packaging type                             | Carton   |
| Type of banding                            | Without  |
| Weight per piece (not including packaging) | 20.8     |
| Weight per piece (including packaging)     | 21.6     |
| Unit of weight                             | G        |
| Customs number                             | 85369010 |
| Country of origin                          | QU       |

**13512.1**

**PK 100/16/10,00-H GN**

**PK 100/16/10,00-H GN**

## Technical Data

---

### Dimensions

|                            |          |
|----------------------------|----------|
| Length                     | 12.5 mm  |
| Length of the pin          | 3.8 mm   |
| Width                      | 155.7 mm |
| Width left                 | 3.2 mm   |
| Width right                | 2.5 mm   |
| Height                     | 9 mm     |
| Drill hole diameter        | 1.3 mm   |
| Diameter of connecting pin | 1 mm     |
| Pitch                      | 10 mm    |

### Ratings

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 750 V               |
| Rated current         | 24 A                |
| Rated cross-section   | 2.5 mm <sup>2</sup> |
| Rated impulse voltage | 3.5 kV              |
| Overvoltage category  | III                 |
| Contamination degree  | 3                   |

**13512.1**

**PK 100/16/10,00-H GN**

**PK 100/16/10,00-H GN**

## Technical Data

---

### Connection data

|                                                          |                          |
|----------------------------------------------------------|--------------------------|
| Connection principle                                     | Wire protection          |
| Connection type of PCB                                   | Solder connection        |
| Type of attachment to circuit board                      | Connecting contact       |
| Angle of PCB/wire connection                             | 90° (vertically upwards) |
| No. of poles                                             | 16                       |
| Number of levels                                         | 1                        |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.2 mm <sup>2</sup>      |
| Wire cross-section single core (rigid)/stranded, max.    | 2.5 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. | 0.2 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.                             | 12                       |
| Stripping length                                         | 6 mm                     |
| Screw threading                                          | M 3                      |
| Torque                                                   | 0.5 Nm                   |

**13512.1**

**PK 100/16/10,00-H GN**

**PK 100/16/10,00-H GN**

## 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           |
| Screws                    | Steel           |
| Wire protection           | Stainless 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                           |
| Recommended wave soldering temperature         | 265 °C                      |

13512.1

PK 100/16/10,00-H GN

PK 100/16/10,00-H GN

## Technical Data

---

### Further technical data

---

|                                           |        |
|-------------------------------------------|--------|
| Recommended wave soldering duration, min. | 3 Sek. |
|-------------------------------------------|--------|

|                                           |        |
|-------------------------------------------|--------|
| Recommended wave soldering duration, max. | 4 Sek. |
|-------------------------------------------|--------|

---

**13512.1**

**PK 100/16/10,00-H GN**

**PK 100/16/10,00-H GN**

## Approvals

---

### cUL Recognized

|                                                      |                 |
|------------------------------------------------------|-----------------|
| cUL Recognized                                       | CSA 22.2 No.158 |
| cUL Recognized                                       | ✓               |
| cUL Usegroup B: rated voltage                        | 300 V           |
| cUL Usegroup B: rated current                        | 20 A            |
| cUL Usegroup C: rated voltage                        | 150 V           |
| cUL Usegroup C: rated current                        | 20 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. | 12              |
| cUL wire cross-section stranded AWG, min.            | 12              |
| cUL wire cross-section stranded AWG, max.            | 22              |
| cUL torque                                           | 0.4499999881 Nm |
| cUL wire material                                    | Cu              |

**13512.1**

**PK 100/16/10,00-H GN**

**PK 100/16/10,00-H GN**

## Approvals

---

### UL Recognized

|                                                     |         |
|-----------------------------------------------------|---------|
| UL Recognized                                       | UL 1059 |
| UL Recognized granted                               | ✓       |
| UL Usegroup B: rated voltage                        | 300 V   |
| UL Usegroup B: rated current                        | 20 A    |
| UL Usegroup C: rated voltage                        | 150 V   |
| UL Usegroup C: rated current                        | 20 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. | 12      |
| UL wire cross-section stranded AWG, min.            | 12      |
| UL wire cross-section stranded AWG, max.            | 22      |
| UL torque                                           | 4 Lb In |
| UL wire material                                    | Cu      |
| UL factory wiring                                   | ✓       |
| UL field wiring                                     | ✓       |

**13512.1**

**PK 100/16/10,00-H GN**

**PK 100/16/10,00-H GN**

## Approvals

---

### VDE approval

|                                                     |                     |
|-----------------------------------------------------|---------------------|
| VDE approval                                        | DIN EN 60998        |
| VDE approval granted                                | ✓                   |
| VDE rated voltage                                   | 750 V               |
| VDE rated current                                   | 24 A                |
| VDE rated current wire cross-section rigid, max.    | 24 A                |
| VDE rated current wire cross-section stranded, max. | 24 A                |
| VDE rated impulse voltage                           | 3.5 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                   |

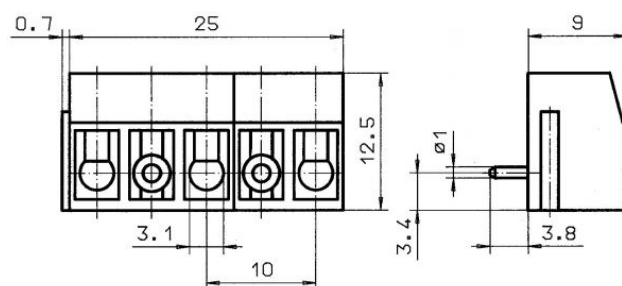
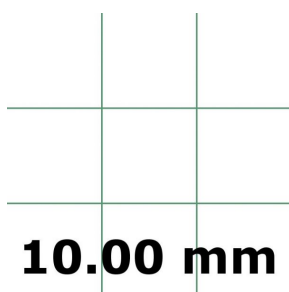
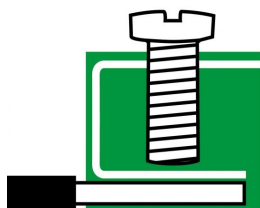
13512.1

PK 100/16/10,00-H GN

PK 100/16/10,00-H GN

Media

---



**CR<sup>®</sup>US**

