

13591.4

PK 300/23/10,16 DG

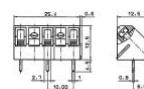
PK 300/23/10,16 DG



M2.6



10.16 mm



cUL<sup>®</sup> US



PCB terminal, Screw connection, No. of poles: 23, Width: 229.2 mm, Colour: Dark grey

## Business data

|                                            |          |
|--------------------------------------------|----------|
| Packaging unit                             | 50       |
| Quantity unit                              | PC       |
| Packaging type                             | Carton   |
| Type of banding                            | Without  |
| Weight per piece (not including packaging) | 35.65    |
| Weight per piece (including packaging)     | 36.05    |
| Unit of weight                             | G        |
| Customs number                             | 85369010 |
| Country of origin                          | QU       |

**13591.4**

**PK 300/23/10,16 DG**

**PK 300/23/10,16 DG**

## Technical Data

---

### Dimensions

|                            |          |
|----------------------------|----------|
| Length                     | 12.5 mm  |
| Length of the pin          | 4.5 mm   |
| Width                      | 229.2 mm |
| Width left                 | 2.54 mm  |
| Width right                | 3.14 mm  |
| Height                     | 12.5 mm  |
| Drill hole diameter        | 1.3 mm   |
| Diameter of connecting pin | 1 mm     |
| Pitch                      | 10.16 mm |

### Ratings

|                       |                     |
|-----------------------|---------------------|
| Rated voltage         | 250 V               |
| Rated current         | 24 A                |
| Rated cross-section   | 1.5 mm <sup>2</sup> |
| Rated impulse voltage | 2 kV                |
| Overvoltage category  | III                 |
| Contamination degree  | 3                   |

**13591.4**

**PK 300/23/10,16 DG**

**PK 300/23/10,16 DG**

## Technical Data

---

### Connection data

|                                                          |                            |
|----------------------------------------------------------|----------------------------|
| Connection principle                                     | Screw connection           |
| Connection type of PCB                                   | Solder connection          |
| Type of attachment to circuit board                      | Connecting contact         |
| Angle of PCB/wire connection                             | 45°/135° (slanted upwards) |
| No. of poles                                             | 23                         |
| Number of levels                                         | 1                          |
| Wire cross-section single-core (rigid) / stranded, min.  | 0.14 mm <sup>2</sup>       |
| Wire cross-section single core (rigid)/stranded, max.    | 2.5 mm <sup>2</sup>        |
| Wire cross-section stranded, min.                        | 0.14 mm <sup>2</sup>       |
| Wire cross-section stranded, max.                        | 1.5 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. | 1.5 mm <sup>2</sup>        |
| Wire cross-section AWG, min.                             | 22                         |
| Wire cross-section AWG, max.                             | 12                         |
| Stripping length                                         | 7 mm                       |
| Screw threading                                          | M 2,6                      |
| Torque                                                   | 0.4 Nm                     |

13591.4

PK 300/23/10,16 DG

PK 300/23/10,16 DG

## 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         |
| Soldering lug             | Copper alloy  |

### 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                      |

13591.4

PK 300/23/10,16 DG

PK 300/23/10,16 DG

## Technical Data

---

### Further technical data

---

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

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

---

**13591.4**

**PK 300/23/10,16 DG**

**PK 300/23/10,16 DG**

## Approvals

---

### cUL Recognized

|                                           |              |
|-------------------------------------------|--------------|
| cUL Recognized                            | C22.2 No 158 |
| cUL Recognized                            | ✓            |
| cUL Usegroup D: rated voltage             | 300 V        |
| cUL Usegroup D: rated current             | 15 A         |
| cUL wire cross-section stranded AWG, min. | 22           |
| cUL wire cross-section stranded AWG, max. | 12           |
| cUL torque                                | 0.5 Nm       |
| cUL wire material                         | Cu           |

**13591.4**

**PK 300/23/10,16 DG**

**PK 300/23/10,16 DG**

## Approvals

---

### UL Recognized

|                                          |            |
|------------------------------------------|------------|
| UL Recognized                            | UL 1059    |
| UL Recognized granted                    | ✓          |
| UL Usegroup B: rated voltage             | 600 V      |
| UL Usegroup B: rated current             | 16 A       |
| UL Usegroup C: rated voltage             | 600 V      |
| UL Usegroup C: rated current             | 16 A       |
| UL Usegroup D: rated voltage             | 300 V      |
| UL Usegroup D: rated current             | 15 A       |
| UL wire cross-section stranded AWG, min. | 22         |
| UL wire cross-section stranded AWG, max. | 12         |
| UL torque                                | 4.43 Lb In |
| UL wire material                         | Cu         |
| UL factory wiring                        | ✓          |
| UL field wiring                          | ✓          |

13591.4

PK 300/23/10,16 DG

PK 300/23/10,16 DG

## Approvals

---

### VDE approval

|                                                     |                     |
|-----------------------------------------------------|---------------------|
| VDE approval                                        | DIN EN 60998        |
| VDE approval granted                                | ✓                   |
| VDE rated voltage                                   | 250 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                           | 2 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.               | 1.5 mm <sup>2</sup> |
| VDE screw threading                                 | M 2,6               |
| VDE torque                                          | 0.4 Nm              |
| VDE overvoltage category                            | III                 |
| VDE contamination degree                            | 3                   |

13591.4

PK 300/23/10,16 DG

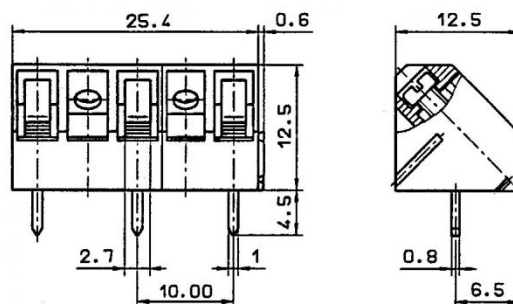
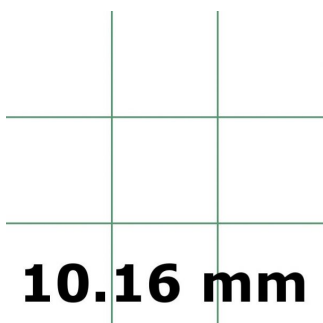
PK 300/23/10,16 DG

Media

---



**M2.6** 



**CR<sup>®</sup>US**

