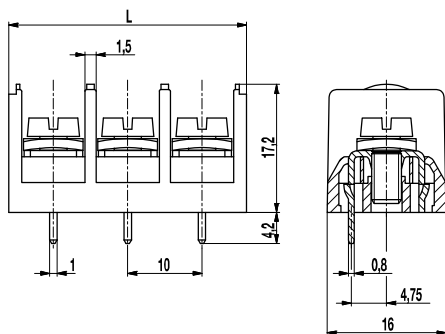
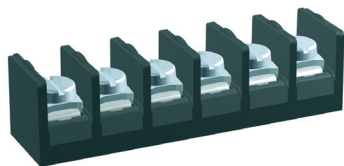


PCB connector

983-S/...-DAM

Screw connection, reinforced side walls, 1 solder pin per pole



The PCB connector 983-S/...-DAM is based on the well proven terminals of the series 983.

The optimized geometry and slightly modified housing offer some advantages compared to the standard versions:

- The reinforced side walls can equalize the resulting torque to the outside. As a result, the reinforced side avoid the stacking without pole loss as given in the standard version.
- The new housing geometry creates now the possibility to implement central soldering pins.

The connection is designed as head contact, screw and washers forming a combination.

This terminal is available from 2 to 6 poles as well as a version with two soldering pins (see 983-D/...-DAM).

Part Numbers

| No. of poles | 983-S/...-DAM | Length | Pcs |
|--------------|---------------|--------|-----|
| 2 | 10.873.912 | 22,00 | 100 |
| 3 | 10.873.913 | 32,00 | 100 |
| 4 | 10.873.914 | 42,00 | 100 |
| 5 | 10.873.915 | 52,00 | 100 |
| 6 | 10.873.915 | 62,00 | 100 |

General Information

| | |
|--------------|-------|
| Pitch | 10 mm |
| No. of poles | 2 - 6 |

Technical Data

| | | | |
|--------------------------|--|-------|--------|
| Clamping Range | <i>solid / flexible / AWG</i> 0,75 - 2,5 mm ² / 0,75 - 2,5 mm ² / 18 - 12 AWG | | |
| Rated Cross Section | 2,5 mm ² | | |
| Wire Stripping Length | 8,5 mm ± 0,5 mm | | |
| Overvoltage Category | III | III | II |
| Pollution Severity Level | 3 | 2 | 2 |
| Rated Voltage | 500 V | 630 V | 1000 V |
| Rated Impulse Voltage | 6 kV | 6 kV | 6 kV |
| Rated Insulation Voltage | 750 V acc. to EN 60998-1 | | |
| Rated Current | 24 A | | |
| Hole in PCB | ø 1,6 mm | | |
| Torque | 1,2 Nm | | |
| Other specifications | Per pole two wires of identical cross-section can be connected. | | |

Material

| | |
|----------------------------|--|
| Moulding | PA, grey, V-0 |
| Comparative Tracking Index | CTI ≥ 600 |
| Insulating Group | I |
| Temperature Range | -40°C up to 100°C |
| Pressure clamp | Tin plated brass |
| Screw | M4; zinc plated steel, blue passivated |
| Solder pin | 0,8 x 1,0 mm; tin plated brass |

Approvals

| | Current | Voltage | Group | AWG | Nm |
|--|----------------|---------|-------|---------|------|
| | 20 | 300 | B | 20 - 12 | 1,13 |
| | <i>pending</i> | | | | |

Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-10,00
- Cover cap 983-A
- Securing pins BEF-983
- Crosshead screws
- 10 mm pin length