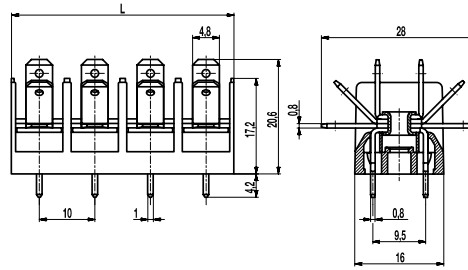


# 983-FD

Tab connector  
 Tab/screw connection, 2 solder pins per pole



L = Number of poles x pitch  
 Terminal design with tab connector package 8.033

## GENERAL INFORMATION

|              |  |
|--------------|--|
| Pitch        | 10 mm                                  |
| No. of poles | 2 - 26                                 |
| Usable with  | receptacles for tabs acc. to DIN 46247 |

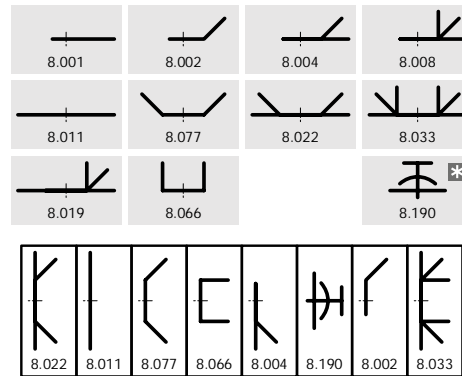
## TECHNICAL DATA

|                          |  |
|--------------------------|--|
| Clamping Range           | <i>solid / stranded / AWG</i><br>0,5 - 2,5 mm <sup>2</sup> / 0,5 - 2,5 mm <sup>2</sup> / 20 - 12 AWG   |
| Rated Cross Section      | 2,5 mm <sup>2</sup>  |
| Wire Stripping Length    | 8,5 mm   |
| Overvoltage Category     | III  |
| Pollution Severity Level | 3  |
| Rated Voltage            | 320 V  |
| Rated Impulse Voltage    | 4 kV   |
| Rated Insulation Voltage | 450 V acc. to EN 60998-1   |
| Rated Current            | 15 A: with receptacles 4,8; wire 2,5 mm <sup>2</sup> (14 AWG)  |
| Hole in PCB              | ø 1,6 mm   |
| Torque                   | 1,2 Nm   |
| Other specifications     | For screw connections, 2 wires of the same cross-section can be connected per pole. The specified rated voltage applies to applications with insulating receptacles. |

## APPROVALS

|  | Current [A] | Voltage [V] | Group | AWG     | [Nm] |
|--|-------------|-------------|-------|---------|------|
|  | 15          | 300         | B     | 20 - 12 |      |
|  | 15          | 300         | B     | 20 - 12 |      |
|  | 10          | 300         | D, E  | 20 - 12 |      |

## TERMINAL DESIGNS / EXAMPLE OF MIXED ASSEMBLY



\* = Screw connection

## 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         |
| Tab                        | Nickel plated brass                    |
| Tubular rivet              | Tin plated copper                      |

## OPTIONS / ACCESSORIES

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-10,00
- Crosshead screws
- 10 mm pin length
- Version without solder pin

