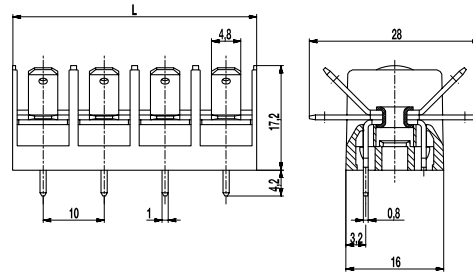


# 983-FS

Tab connector

Tab/screw connection, 1 solder pin per pole



L = Number of poles x pitch  
Terminal design with tab connector package 8.022

## GENERAL INFORMATION

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

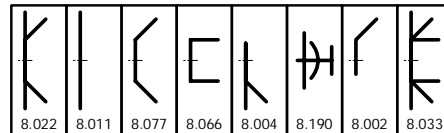
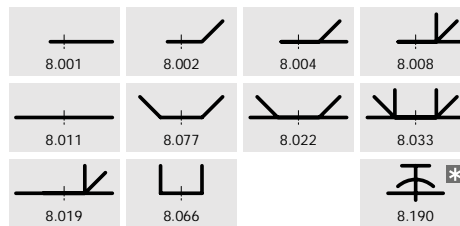
## TECHNICAL DATA

Clamping Range	<i>solid / stranded / AWG</i> 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
- Version with screw connections only, please see 983-S

