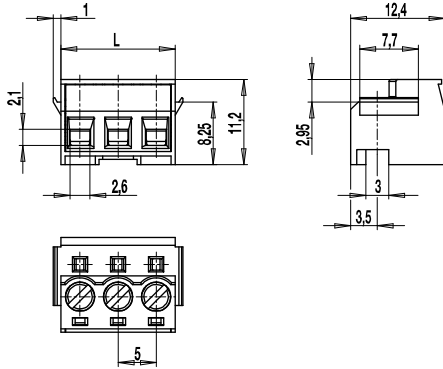


Plug connector

115-F-118

Screw connection, with lateral ribs



The plug connectors of this series were particularly designed for applications where space is limited. However, they offer generous terminal space despite their small dimensions. Equipped with lift-system screw terminals, this plug connector guarantees highest clamping safety over many years.

Series 115-F-118 features lateral ribs on both sides, which snap-in the housing's latching hook, thus ensuring optimum tight fit. PCBs are usually connected with the pin strips from above.

Application example - thermostat housing:
The plug connectors are snapped in the basic housing and their leads are wired externally. Subsequently, the control panel, equipped with corresponding pin strips, is connected from above.

Part Numbers

No. of poles	115-F-118	Length	Pcs
2	10.816.052	10,00	250
3	10.816.053	15,00	250
4	10.816.054	20,00	250
5	10.816.055	25,00	100
6	10.816.056	30,00	100
8	10.816.058	40,00	100
10	10.816.060	50,00	50
12	10.816.062	60,00	50

further number of poles on request

General Information

Pitch	5 mm
No. of poles	2 - 12
Usable with	all \varnothing 1,3 mm pin strips series 971-SLR, 971-SLR-THR, 971-SLR-SMD
Areas of application	Building and telecommunication technology, particularly for mass-production applications where space is limited.

Technical Data

Clamping Range	solid / flexible / AWG 0,14 - 2,5 mm ² / 0,14 - 1,5 mm ² / 26 - 14 AWG		
Rated Cross Section	1,5 mm ²		
Wire Stripping Length	6 mm \pm 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	250 V	320 V	630 V
Rated Impulse Voltage	4 kV	4 kV	4 kV
Rated Insulation Voltage	250 V acc. to EN 60998-1		
Rated Current	10 A		
Torque	0,5 Nm		

Material

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI \geq 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Terminal body	Nickel plated brass
Pressure clamp	Copper alloy, tin plated
Screw	M3; zinc plated steel, blue passivated
Spring	Copper alloy, tin plated

Approvals

	Current	Voltage	Group	AWG	Nm
	12	300	B	26 - 14	0,23
	10	300	D	26 - 14	0,23
	12	300	B	26 - 14	0,22
	10	300	D, E	26 - 14	0,22

Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,00