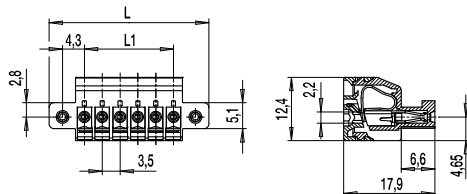


## Plug connector

### 110-F-115

Spring clamp connection, with connecting flanges



L = No. of poles x pitch + 10,4  
L1 = No. of poles x pitch - 3,5

#### Features

- Plug connector to connect wires with spring clamp technology with a pitch of 3,5 mm
- For solid and flexible wires
- Cross section up to 1,5 mm<sup>2</sup>
- Available in 2 to 12 pole lengths
- Coding possible with our coding keys 120-K in the pin strip
- Special area for marking
- Colour black
- Connecting flanges with M2,5 screws (<0,3 Nm)

#### Advantages

- High packing density
- Suitable under high vibration load
- Mating compatible with competitor products

#### Part Numbers

No. of poles	110-F-115	Length	Pcs
2	15.840.977	17,40	100
3	15.840.978	20,90	100
4	15.840.979	24,40	50
5	15.840.980	27,90	50
6	15.840.981	31,40	50
7	15.840.982	34,90	50
8	15.840.983	38,40	50
9	15.840.984	41,90	50
10	15.840.985	45,40	50
11	15.840.986	48,90	50
12	15.840.987	52,40	50

#### General Information

Pitch	3,5 mm
No. of poles	2 - 12
Usable with	all pin strips of series 110
Additional Information	Standard screwdrivers, size A 0,4 x 2,5, can be used to open the spring clamp. Also available as version 110-F-111 without flanges.

#### Technical Data

Clamping Range	<i>solid / flexible / AWG</i>		
	0,14 - 1,5 mm <sup>2</sup> / 0,14 - 1,5 mm <sup>2</sup> / 26 - 14 AWG		
Rated Cross Section	1,5 mm <sup>2</sup>		
Wire Stripping Length	8 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	125 V	125 V	250 V
Rated Impulse Voltage	2,5 kV	2,5 kV	2,5 kV
Rated Insulation Voltage	130 V acc. to EN 60998-1		
Rated Current	8 A		

#### Material

Moulding	PA, black, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Pressure clamp	Copper alloy, tin plated
Tension spring	Steel
Spring	Copper alloy, tin plated

#### Approvals

	Current	Voltage	Group	AWG	Nm
	8	300	B, D	30 - 16	
	5	300	B	22 - 14	

#### Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-3,50