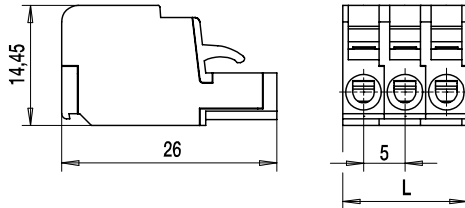


120-F-111

Plug connector
Spring clamp connection



The plug connector 120-F-111 series with screwless terminals and a pitch of 5 mm complements our "CONECTA"-Series.

The rated cross-section of 2,5 mm² is geared towards screw-connector variants. This plug connector can be used with single-core copper conductors and fine-stranded wires (2,5 mm²), but also with pin cable sockets or crimped ferrules. For crimped ferrules, the cross-section must be reduced accordingly. All other rated data is identical with the screw-connector variants.

Test ports for \varnothing 2 mm or \varnothing 2,3 mm test plugs or for spring test pins are accessible from the upper side of the clamp. The plug connector consists of individual poles and can be manufactured to any required pole configuration at our factory.

For each pole the plug connector has one trapezoidal coding groove in which the coding elements 120-K can be inserted.

The plug connector can be operated by either a standard 3 mm blade screwdriver, terminal pliers or the built-in pusher, see 120-F-211.

Part Numbers

No. of poles	120-F-111	Length	PU
2	12.808.901	10,00	200
3	13.808.901	15,00	200
4	14.808.901	20,00	100
5	15.808.901	25,00	100
6	16.808.901	30,00	100
7	17.808.901	35,00	50
8	18.808.901	40,00	50
9	19.808.901	45,00	50
10	20.808.901	50,00	50
11	21.808.901	55,00	50
12	22.808.901	60,00	50

General Information

Pitch	5 mm
No. of poles	2 - 12
Usable with	all pin strips of series 120

Technical Data

Clamping Range	<i>solid / flexible / AWG</i> 0,2 - 4 mm ² / 0,2 - 2,5 mm ² / 24 - 12 AWG
Rated Cross Section	2,5 mm ²
Wire Stripping Length	8,5 mm \pm 0,5 mm
Overvoltage Category	II
Pollution Severity Level	2
Rated Voltage	320 V
Rated Impulse Voltage	2,5 kV
Rated Insulation Voltage	130 V acc. to EN 60998-1
Rated Current	12 A

Material

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI \geq 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Pressure clamp	Copper alloy, tin plated
Tension spring	Stainless steel
Spring	Copper alloy, tin plated

Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,00
- Coding elements 120-K
- Connectors equipped with coding elements on request
- Strain relief
- Terminal pliers 120-F