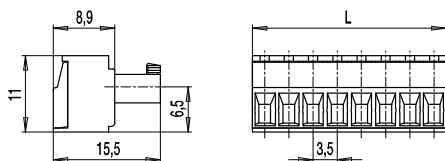


## Plug connector

### 110-A-111

Screw connection



Plug connectors of series 110 offer remarkable connection data (1.5 mm<sup>2</sup> / 160 V-III-3 / 8 A) for their small dimensions. The high-quality elevator system guarantees reliable connection of all conductor types. The compact housings with a pitch of 3.5 mm are available with 2 to 24 poles.

The user can choose from different designs with vertical, parallel or diagonal plug direction to the PC board. Variants with connecting flanges further expand the area of application.

As standard, the plug connectors have coding nips which can be cut off, if necessary.

### Part Numbers

No. of poles	110-A-111	Length	Pcs
2	10.840.002	7,00	200
3	10.840.003	10,50	200
4	10.840.004	14,00	100
5	10.840.005	17,50	100
6	10.840.006	21,00	100
7	10.840.007	24,50	50
8	10.840.008	28,00	50
9	10.840.009	31,50	50
10	10.840.010	35,00	50
11	10.840.011	38,50	50
12	10.840.012	42,00	50
13	10.840.013	45,50	50
14	10.840.014	49,00	50
15	10.840.015	52,50	50
16	10.840.016	56,00	50
17	10.840.017	59,50	50
18	10.840.018	63,00	50
19	10.840.019	66,50	50
20	10.840.020	70,00	50
21	10.840.021	73,50	50
22	10.840.022	77,00	50
23	10.840.023	80,50	50
24	10.840.024	84,00	50

### General Information

Pitch	3,5 mm
No. of poles	2 - 24
Usable with	all pin strips of series 110

### 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> / 28 - 16 AWG		
Rated Cross Section	1,5 mm <sup>2</sup>		
Wire Stripping Length	6,5 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	160 V	160 V	320 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		
Torque	0,2 Nm		

### Material

Moulding	PA, grey, V-0
Comparative Tracking Index	CTI ≥ 600
Insulating Group	I
Temperature Range	-40°C up to 100°C
Terminal body	Nickel plated brass
Pressure clamp	Tin plated tin bronze
Screw	M2; tin plated tin bronze
Spring	Tin plated tin bronze

### Approvals

	Current	Voltage	Group	AWG	Nm
	8	300	B, D	30 - 16	0,2
	8	300	B	30 - 16	0,2

### Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-3,50
- Pitch of 7 mm for larger clearance and creepage distances
- Strain relief