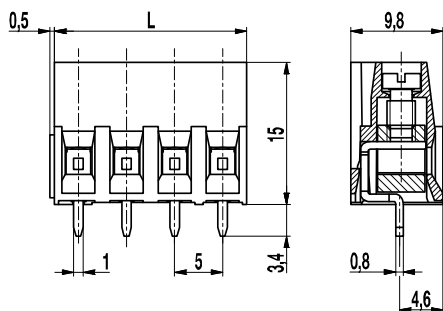


PCB connector

145-A-111

Screw connection, interlocking



The PCB connector 145-A-111 with lift system is designed as single-tier basic version with a pitch of 5 mm and is available with 2 to 24 poles.

Lateral latching elements on the housing allow to connect the PCB connector to longer terminal strips without pole loss. The wire entrance is parallel to the PCB. The screws are captive.

Part Numbers

No. of poles	145-A-111	Length	Pcs
2	10.805.402	10,00	250
3	10.805.403	15,00	250
4	10.805.404	20,00	200
5	10.805.405	25,00	100
6	10.805.406	30,00	100
7	10.805.407	35,00	100
8	10.805.408	40,00	100
9	10.805.409	45,00	100
10	10.805.410	50,00	100
11	10.805.411	55,00	100
12	10.805.412	60,00	100
13	10.805.413	65,00	100
14	10.805.414	70,00	100
15	10.805.415	75,00	100
16	10.805.416	80,00	100
17	10.805.417	85,00	100
18	10.805.418	90,00	100
19	10.805.419	95,00	100
20	10.805.420	100,00	100
21	10.805.421	105,00	100
22	10.805.422	110,00	100
23	10.805.423	115,00	100
24	10.805.424	120,00	100

General Information

Pitch	5 mm
No. of poles	2 - 24

Technical Data

Clamping Range	<i>solid / flexible / AWG</i> 0,14 - 4 mm ² / 0,14 - 2,5 mm ² / 26 - 14 AWG		
Rated Cross Section	2,5 mm ²		
Wire Stripping Length	7 mm ± 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	24 A		
Hole in PCB	ø 1,4 mm		
Torque	0,5 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	Copper alloy, tin plated
Screw	M3; zinc plated steel, blue passivated
Solder pin	1,0 x 0,8 mm; copper alloy, tin plated

Approvals

	Current	Voltage	Group	AWG	Nm
	20	300	B	26 - 12	0,51
	10	300	D	26 - 12	0,51
	20	300	B	26 - 12	0,51
	10	300	D, E	26 - 12	0,51

Options / Accessories

- Consecutive numbering
- Special marking according to drawing
- Self-adhesive marking strip BST-5,00
- Pitch of 10 mm for larger clearance and creepage distances