

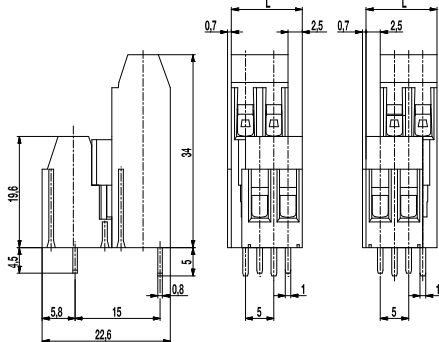
PCB connector

150-B-151/-153

Screw connection, interlocking (only -153), two-tier version



150-B-151 150-B-153



The PCB connectors 150-B-151 and 150-B-153 are designed as two-tier version with a pitch of 5 mm and are available with 4 or 6 poles.

Due to the ample terminal space and the lift system, this PCB connector is particularly user-friendly. The lift system guarantees optimum wire protection even after several disconnections of one or multiple wires. The two-tier version provides high wiring density in a confined space. In order to simplify the assembly, the rear solder pins protrude farther from the housing than the front pins.

The housing has lateral latching elements. The version ..-153 allows the customer to lock the 4 or 6 pole PCB connectors to longer terminal rows without pole loss. The ..-151 does not have this option, but it is available as PCB connector with larger pole numbers.

The wire entrance is parallel to the PCB.
The screws are captive.

Part Numbers

No. of poles	150-B-151	150-B-153	Length	PU
4	30.801.014	40.801.014	12,50	100
6	30.801.016	40.801.016	17,50	50

General Information

Pitch	5 mm
No. of poles	4 + 6
Additional Information	Ordering information: ..-151: Front PCB connector is offset to the right ..-153: Front PCB connector is offset to the left

Technical Data

Clamping Range	solid / flexible / AWG 0,14 - 4 mm ² / 0,14 - 2,5 mm ² / 26 - 14 AWG		
Rated Cross Section	2,5 mm ²		
Wire Stripping Length	8 mm ± 0,5 mm		
Overvoltage Category	III	III	II
Pollution Severity Level	3	2	2
Rated Voltage	200 V	320 V	500 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 1,3 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	22 - 10	0,51 [1]
	10	300	D	22 - 10	0,51
	20	300	B	26 - 10	0,51
	10	300	D, E	26 - 10	0,51

[1] Wire sizes No. 26 - 24 AWG and 20 A max for factory-wiring only

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
- Can be fitted together to larger pole numbers