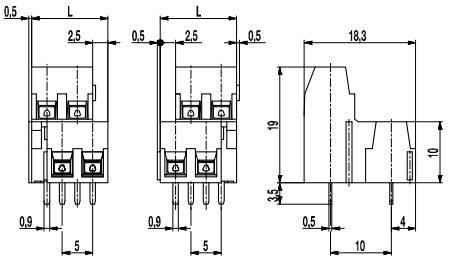
PCB connector
140-B-151/-153
Screw connection, interlocking (only -153), two-tier version

RoHS COMPLIANT

140-B-151 140-B-153



The PCB connectors 140-B-151 and 140-B-153 with lift system are designed as two-tier version with a pitch of 5 mm and available with 4 or 6 poles.

The two-tier version offers higher connection density. Offset individual rows of PCB connectors provide easy access to the terminal leads.

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 any pole loss. The ..-151 does not have this option, but is available as a PCB connector with a higher number of poles.
The wire entry is parallel to the PCB.

Part Numbers

No. of poles	140-B-151	140-B-153	Length	Pcs
4	30.801.472	40.801.472	12,50	100
6	30.801.473	40.801.473	17,50	100

General Information

Pitch	5 mm
No. of poles	4 + 6
Additonal 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 - 1,5 mm² / 0,14 - 1,5 mm² / 26 - 16 AWG		
Rated Cross Section	1,5 mm²		
Wire Stripping Length	6 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	250 V acc. to EN 60998-1		
Rated Current	16 A		
Hole in PCB	ø 1,2 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	0,9 x 0,5 mm; Copper alloy, tin plated

Approvals

	Current	Voltage	Group	AWG	Nm
	10 [1]	300	B	30 - 14	0,5
	15	300	B	30 - 14	0,51

[1] 20 A max for factory-wiring applications 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

"no flame" after glow-wire test according to Household Appliance DIN EN/IEC 60335-1