

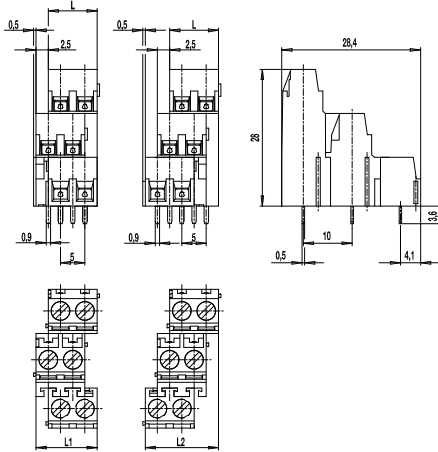
PCB connector

140-E-271/-273

Screw connection, interlocking (only -273), three-tier version



140-E-271 140-E-273



L1 = L + 2,5 mm
L2 = L + 5 mm

The PCB connectors 140-E-271 and 140-E-273 with lift system are designed as three-tier version with a pitch of 5 mm and are available with 4 to 6 poles.

These three-tier versions offer highest connection density. Offset individual rows of PCB connectors provide easy access to the terminal leads.

The housing has lateral latching elements. The version ...-273 allow the customer to lock the 6 or 9 pole PCB connectors to longer terminal rows without pole loss. The ...-271 does not have this option, but it is available as PCB connector with larger pole numbers.

The wire entrance is parallel to the PCB.

Part Numbers

No. of poles	140-E-271	140-E-273	Length	Pcs
6	30.801.402	40.801.402	10,00	100
9	30.801.403	40.801.403	15,00	100

General Information

Pitch	5 mm
No. of poles	6 + 9
Additional Information	Ordering information: ...-271: Front PCB connector is offset to the right ...-273: Front PCB connector is offset to the left

Technical Data

Clamping Range	<i>solid / flexible / AWG</i> 0,14 - 1,5 mm ² / 0,14 - 1,5 mm ² / 26 - 16 AWG		
Rated Cross Section	1,5 mm ²		
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	0,51
	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