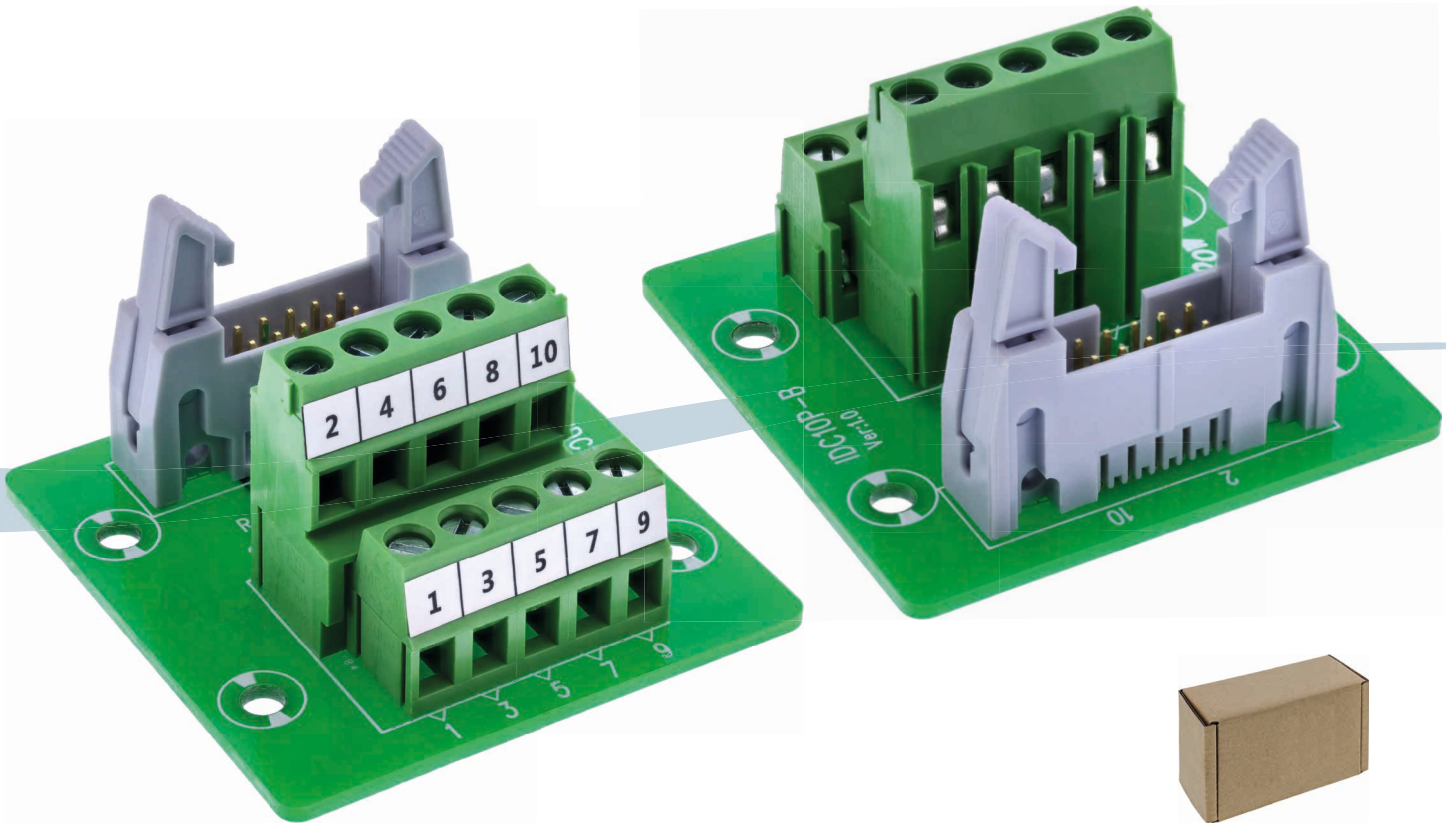
INLINE® IDC 10 SOCKET TO TERMINAL BLOCK

5-pin, on circuit board



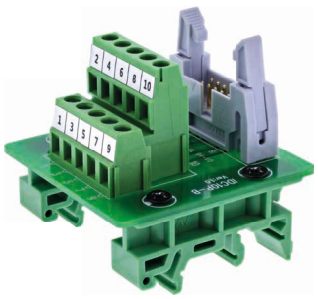
- **Time savings during installation:** The 5-pin screw terminal block with pressure plate allows for quick, tool-assisted wiring – for wires in the 16–26 AWG range.
- **Standardized IDC interface with clear pin assignment:** The 10-pin socket (2×5) ensures clean signal separation – ideal for structured wiring in test, control, and laboratory applications.
- **Space-saving PCB solution with logical arrangement:** Compact design on a stable PCB for direct integration into housings, adapter panels, or test environments.
- **Flexible use in industry:** Suitable for commissioning, embedded projects, signal distribution, or control lines in digital systems.
- **High signal quality:** Tested insulation resistance up to 300 V AC, rated current 1 A per pin, and 100% short-circuit testing for long-term operational safety.

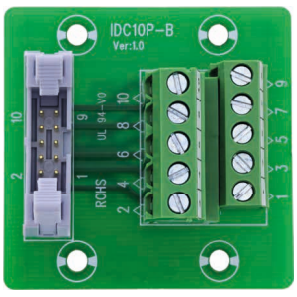
The InLine® IDC-10-to-terminal block adapter with 5-pin screw terminal strip offers a compact solution for connecting digital signals, power lines, or control connections—without soldering. The combination of IDC socket (2×5) and side-accessible terminal strip is mounted on a robust printed circuit board and optimized for industrial environments.

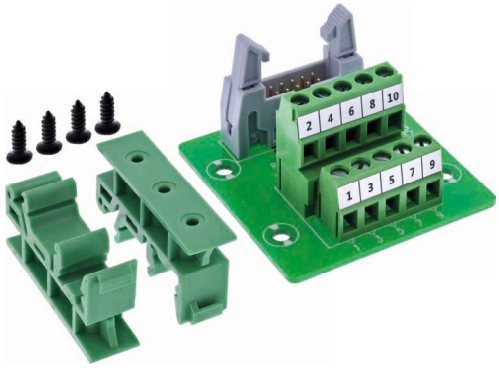
The screw terminals (5.0 mm pitch) are clearly labeled and support stranded wires in the range of 16–26 AWG. Tool-assisted wiring is performed using a flat-blade screwdriver ≤ 2.5 mm. An EVA insulating layer provides protection during installation on conductive surfaces. With 100% short-circuit testing and high insulation values, the adapter is ideal for test systems, control devices, or embedded applications.

Technical Data	
IDC interface:	10-pin IDC socket (2×5), pitch 2.54 mm
Screw terminal block:	5 terminals, pitch 5.0 mm, with pressure plate
Signal assignment:	GND (ground), D0 to D3 (digital signal lines, assignable depending on application)
Connection range:	16–26 AWG
Actuation:	With flat-blade screwdriver ≤ 2.5 mm
Rated current:	1.0 A per pin
Max. operating voltage:	100 V between two signals
Insulation resistance:	≥ 10 MΩ @ 300 V DC
Max. conductor resistance:	5 ohms
Operating temperature:	–10 °C to +70 °C
Insulation layer:	EVA insulation on underside
Dimensions:	approx. 51 x 50 x 29 mm (L x W x H)

Item No.	Variant	EAN
92504O	IDC 10 socket, Screw Terminal	4043718346233







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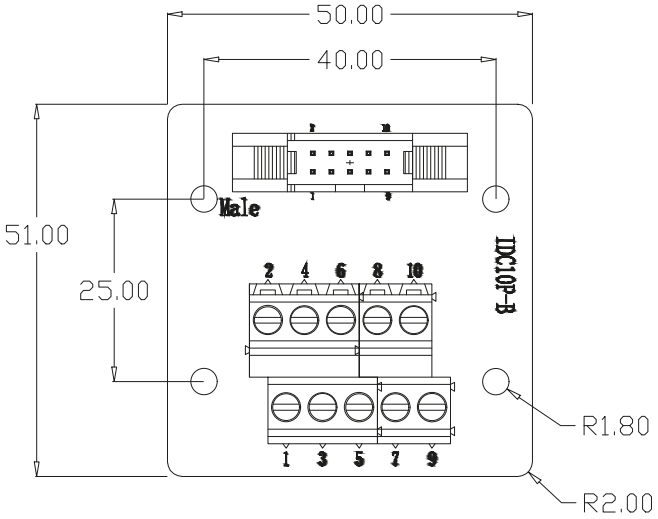

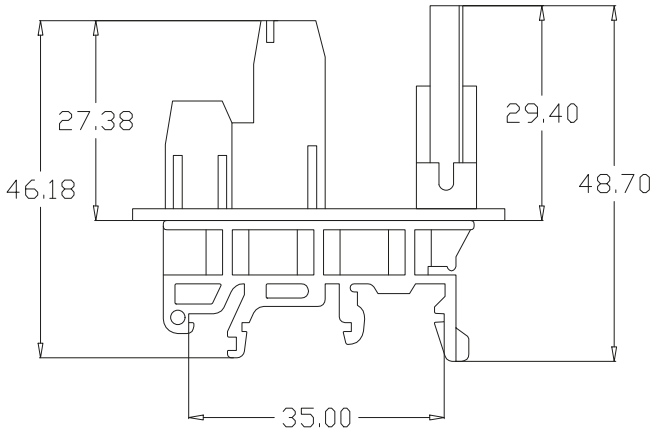

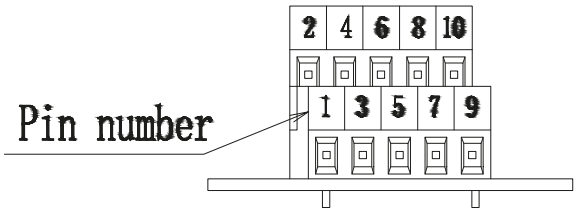

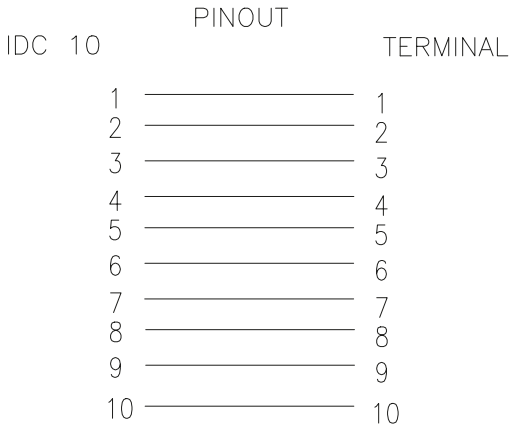

NOTES:

1) PRIMARY DIM:A,B,

ELECTRICAL TEST

1).100% SHORT CIRCUIT & MISS WIRE TEST

2).MINI INSULATION RESISTANCE:MINI DC 300V 10M hm

3).MAX.CONDUCTOR RESISTANCE:5 ohms

4).COMPLIANCE WITH REACH AND ROHS

Num	Category	Description
1	Max Current	0.8 A
2	Cable Gauge (AWG)	16 - 26 AWG
3	IDC Pitch	2.54 mm
4	PCB Material	FR4
5	IDC Withstanding Voltage	300 V AC / minute
6	IDC Operating Temperature	-10 °C to 70 °C
7	IDC Material	Insulator: PBT 30% GF; Contact: Copper Alloy

If you have any further questions, please contact marketing@inline-info.com www.inline-info.com/en/

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