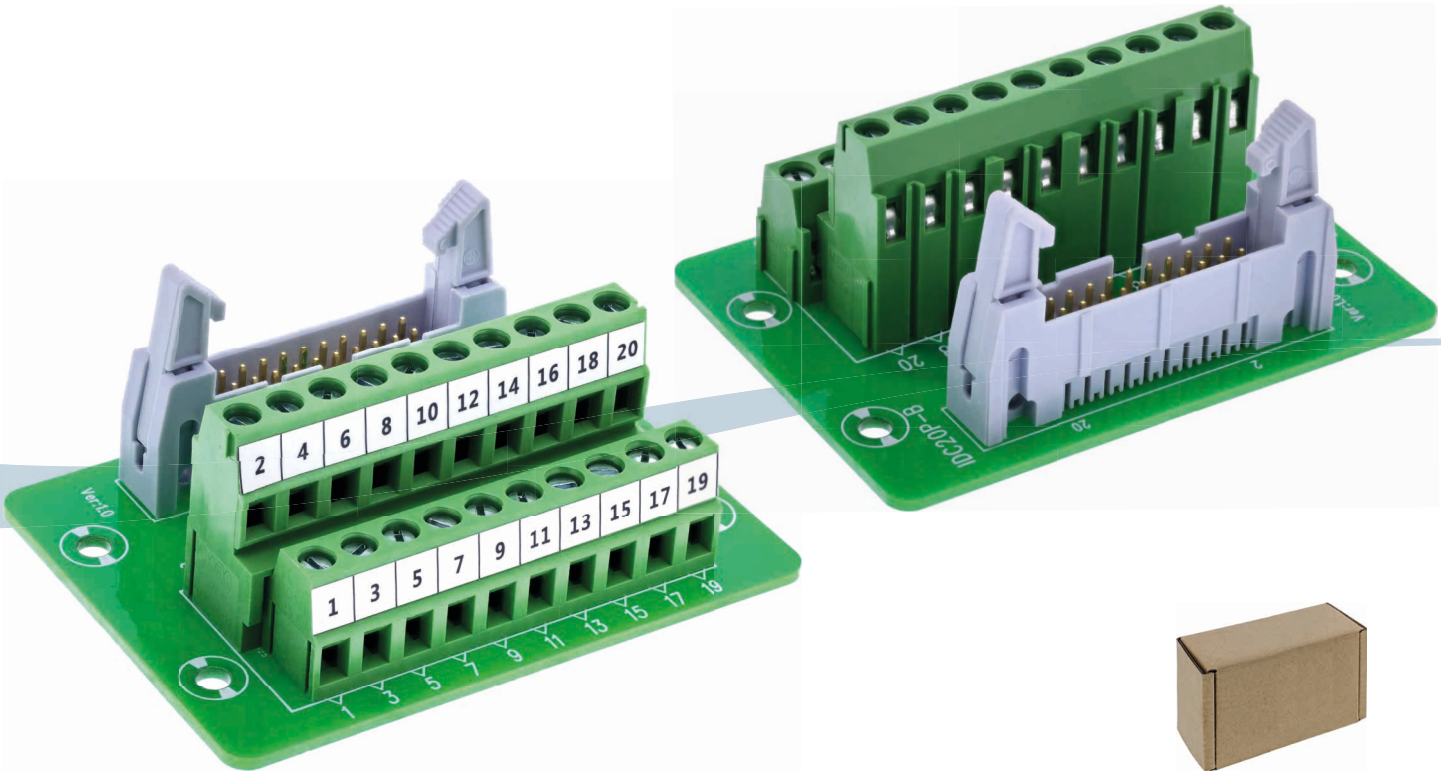
INLINE® IDC 20 SOCKET TO TERMINAL BLOCK

10-pin, on circuit board



- **Time savings during installation:** The 10-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 20-pin socket (2×10) ensures structured signal separation – ideal for orderly system wiring in test, control, and prototype environments.
- **Compact design for structured installation:** Compact design on a sturdy printed circuit board for direct integration into housings, adapter panels, or test environments.
- **For modular control and test systems:** Ideal for prototyping, embedded applications, system tests, or signal distributors with IDC ribbon cables.
- **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 reliability.

The InLine® IDC-20-to-terminal block adapter connects a 20-pin IDC socket (2×10) to a 10-pin screw terminal strip for easy signal wiring – no soldering required. The robust design on a stable circuit board is particularly suitable for structured installations in test benches, control devices, or embedded systems.

The screw terminals (5.0 mm pitch) are clearly labeled and support single wires from 16–26 AWG. Wiring is tool-assisted with a flat-head screwdriver ≤ 2.5 mm. An EVA insulating layer provides reliable protection when mounting on conductive surfaces.

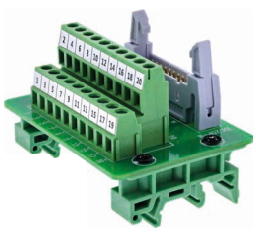
Thanks to 100% short-circuit and wiring testing and standardized signal routing, the adapter is ideal for professional use in industrial test environments, prototypes, or control cabinets.

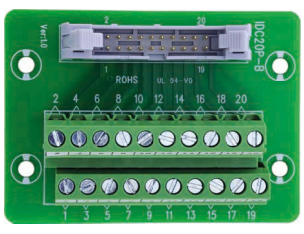
Note

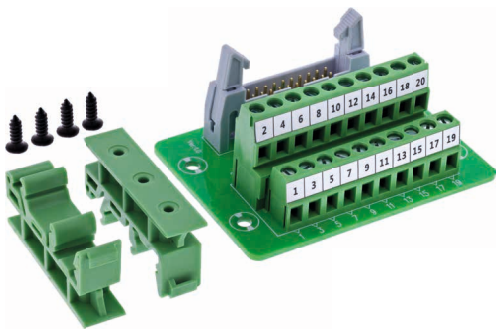
Two adjacent IDC pins are internally connected to a screw terminal (e.g., pins 1+2 ➜ terminal 1).

Technical Data	
IDC interface:	20-pin IDC socket (2×10), pitch 2.54 mm
Screw terminal block:	10 terminals, pitch 5.0 mm, with pressure plate
Signal assignment:	GND (ground), D0 to D7 (digital signal lines, assignable depending on application)
Connection range:	16–26 AWG
Actuation:	With flat-blade screwdriver ≤ 2.5 mm
Rated current:	0.8 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. 71 × 51 × 48.7 mm (W × H × D)

Item No.	Variant	EAN
92504P	IDC 20 socket, Screw Terminal	4043718346240







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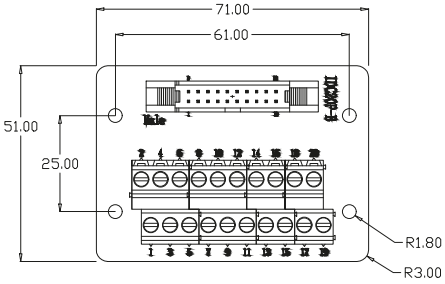

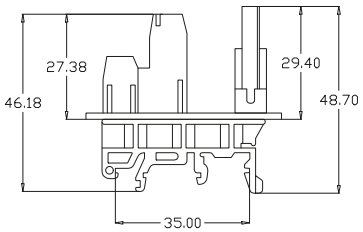

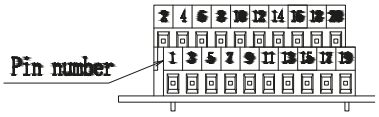

NOTES:

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

PINOUT

IDC20P	TERMINAL
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20

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