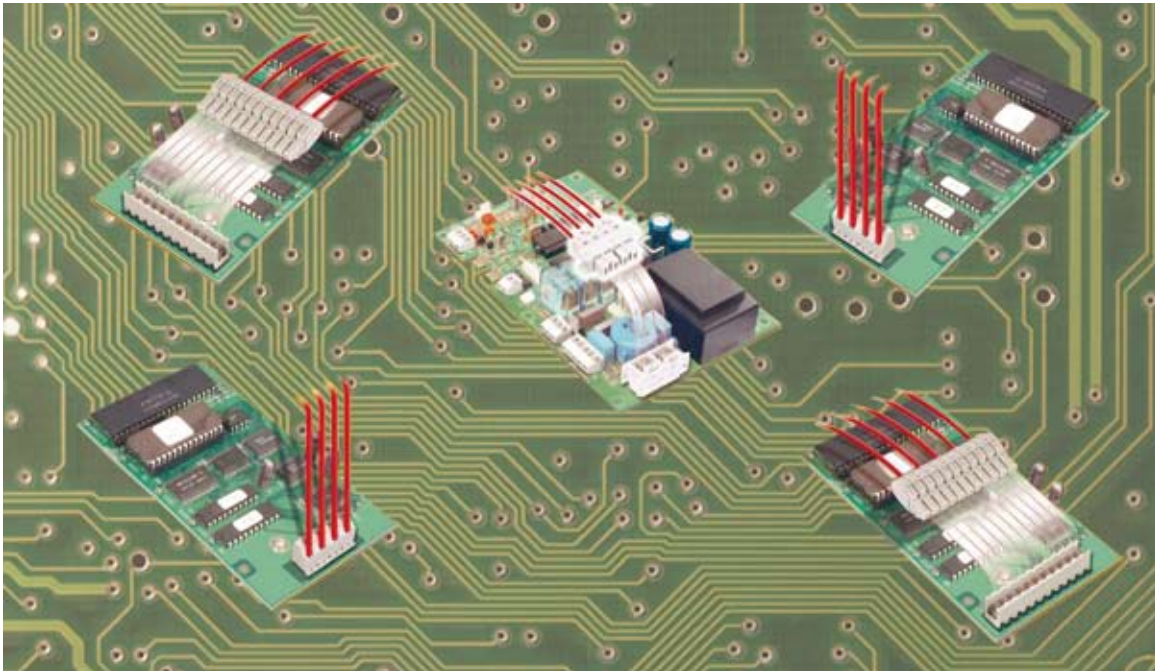


# Printed Circuit Board Terminal Blocks

**Fast  
Facts**

**Screw Clamps  
ADO System (IDC)  
Spring Lever Connection**



## ABB Printed Circuit Board Connections

ABB connectors and terminal blocks mounted on printed circuit boards ensure the link between the sensors and the instruments on the machinery and equipment.

In the universe of PCB connectors, ABB offers competitive products with its range of products that are compatible with industry standards.

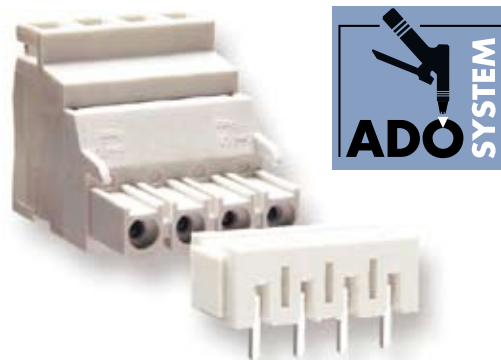
- Technologies: ABB offers an extensive range of products that help all customers to address their wiring challenges- screw clamp, axial screw clamp, screw clamp with tab and the unique ADO system (IDC).
- New technology of soldering: THR (through-hole reflow) enhancement of productivity to suppress the wave soldering.
- Various Wire orientations – parallel, perpendicular or angled to the printed circuit board.
- Spacing 3.5mm to 7.62mm
- Dove-tailed profile allowing the assembly of blocks of 2 and 3 pole.
- ADO system (IDC) for the most severe environments, 80% time saving, high connection quality and resistant to vibrations.

## Common Connections

- Plug and sockets
- Rectangular or tile shape
- Open or closed socket
- Preprinted or custom markings on various plugs
- Spacing 3.5mm to 7.62mm

## Unique System (IDC) ADO

- 80% time saving, high speed and cost saving
- Security of connection is independent from operator
- Simple multi-function tool for reliable and long term connection without effort.
- By using the ADO System the following risks no longer exists: stripping operation overlooked, stripping length too long, tightening torque not respected



**ABB**

## NEW PCB Power Terminal Blocks with Spring Lever Technology (SLT)

World wide expert in connection technologies for over 60 years, ABB is launching a new PCB terminal block using an innovating spring lever connection technology. Ergonomics, rapidity and security are the main ideas which have driven the design of the SLT range.

### Ergonomics

It becomes easy to safely connect your equipment with the user friendly bistable lever. Your finger replaces the screwdriver. It offers a great wiring solution that reduces operator fatigue and strain on the PCB.

### Rapidity

By eliminating the screw operation, there is a 50 % time saving. No retightening of operation required. The unit comes with an open clamp out of the box, all you have to do is insert the wire and push the lever.

### Through Hole Reflow (THR) compatible

The SLT terminal block can be used with the reflow soldering process to optimize your manufacturing costs.

### Quick & easy connection:

#### Comfort-Easy wiring without screwdriver

- Maintenance free (no retightening)
- Bistable lever

#### Security- No strain on the PCB

- High vibration and shock resistance
- Visual indication (2 clear positions)
- Patented system

#### Rapidity and cost savings

- 50% time saving
- Ready to use (cage clamp delivered opened)

#### Technical performance

- Wire up to 4mm<sup>2</sup>(10AWG)
- Up to 27 Amps 600 V.
- Spacing 6.35, 7.62, 9.52mm

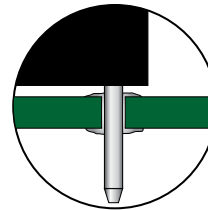
## INNOVATION

"Simply the Best"



### Just 2 steps to connect...

- 1- Insert a stripped wire
  - 2 - Push the lever
- ... it's done!



THR



Series SLT

