

## Terminal Base Unit 200-TB3T

This terminal base unit is intended for connecting an I/O unit and a number of 2- and 3-wire devices to the I/O system. This terminal base is mainly intended for use with 200-IT8.

Six screw terminals are intended for cold junction inputs for compensation via an external thermistor. This is a requirement when used with 200-IT8.

Eight screw terminals are intended to provide connection points to chassis ground. This intent is to provide a place to connect the shield wire when using shielded cables of analog units.

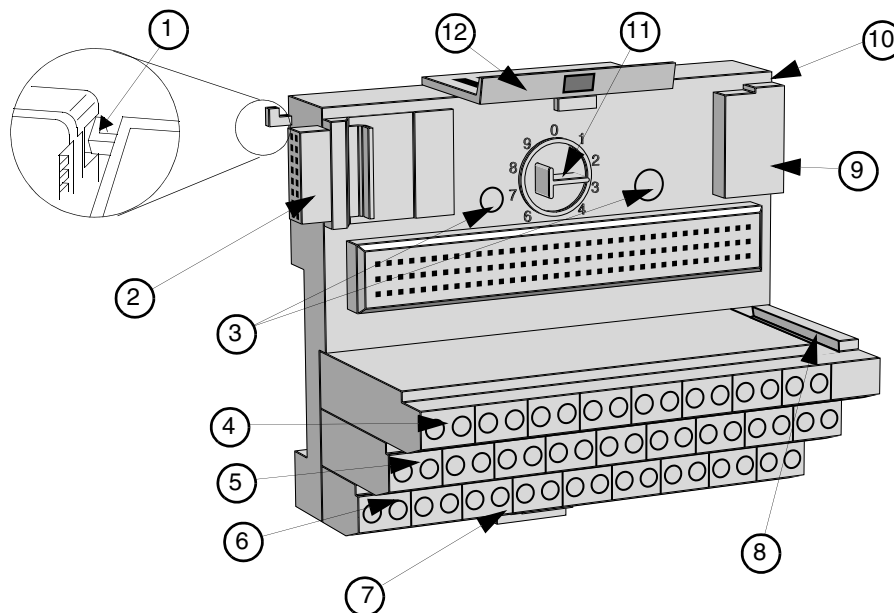


Figure 34. Terminal base unit 200-TB3T.

**Component identification**

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1	Hook
2	Female I/O bus connector
3	Screw holes for panel mounting (Ø 4.5 mm), not used
4	See description below
5	See description below
6	See description below
7	Locking tab for DIN rail mounting
8	Groove where the I/O unit guide rail fits
9	Male I/O bus connector
10	Slot for connection of an adjacent Terminal base unit
11	Code key – set to the position required for the installed I/O unit
12	Snap lock

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**Functional Description**

The terminal base unit transfers data between the I/O units and the controller via an adapter and the serial bus.

A key-switch is provided to prevent insertion of incorrect I/O units into a preconfigured terminal base unit. See also [Setting the Terminal Base Code Keys](#) on page 51.

Screw terminals

Terminal base unit 200-TB3T, is equipped with three screw terminal rows.

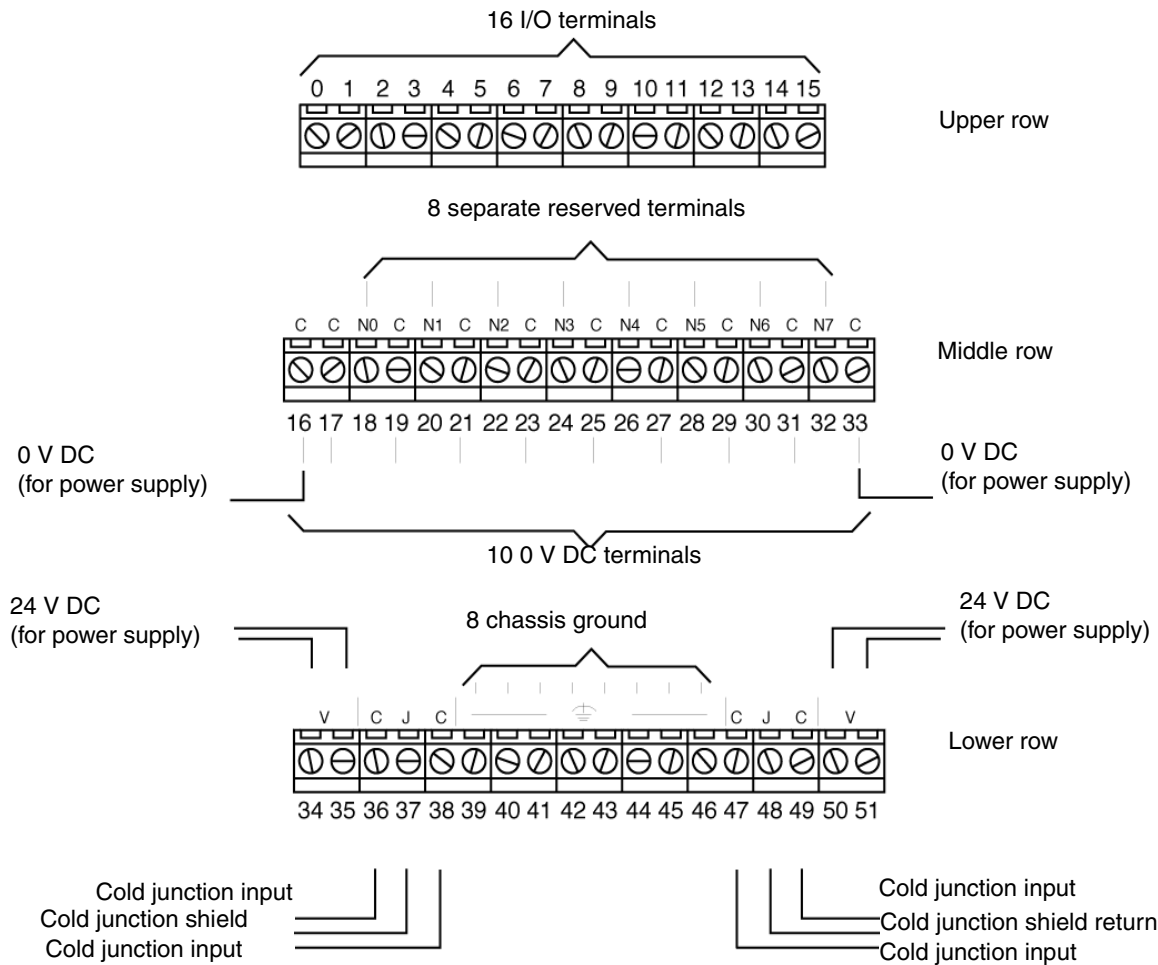


Figure 35. Screw terminals for 200-TB3T.

See also [Connecting Power Supply Cables](#) on page 42.

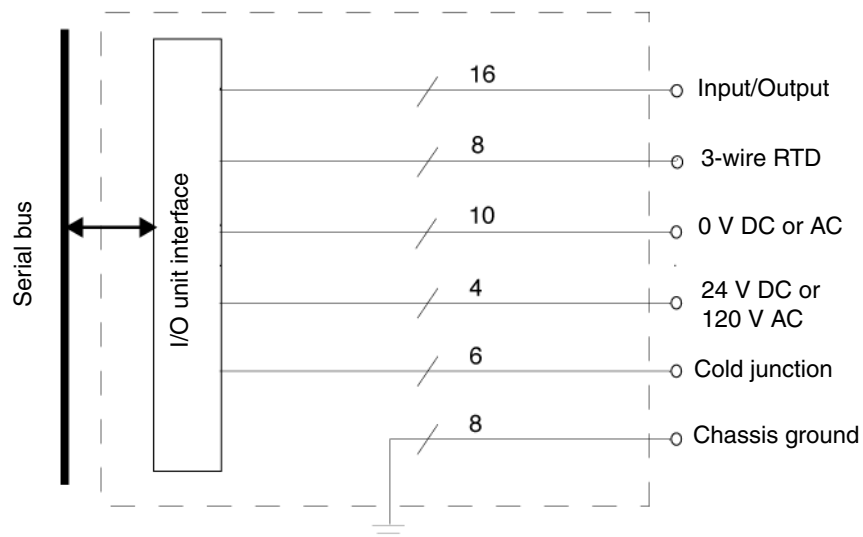


Figure 36. The 200-TB3T functional block diagram.