Terminal Base Unit 200-TB3

This terminal base unit is intended for connecting an I/O unit and a number of two or three wire devices to the I/O system.
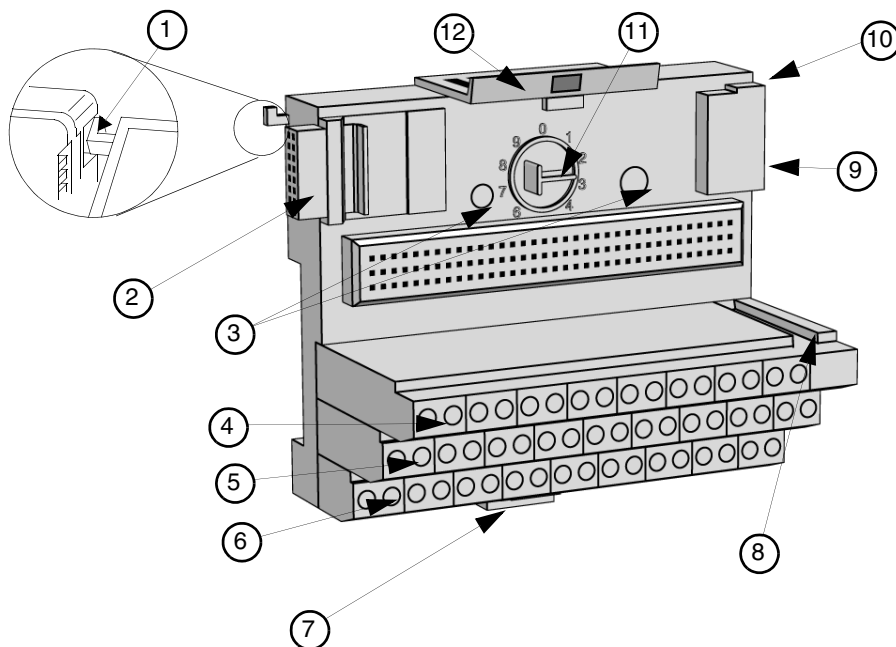

Figure 25. Terminal base unit 200-TB3

Component identification

1	Hook
2	Female I/O bus connector
3	Screw holes for panel mounting (Ø 4.5 mm), not used
4	Screw terminals for input/output connections
5	Screw terminals for input/output commons (0V DC)
6	Screw terminals for power connections (+24 V DC)
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

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-TB3, is equipped with three screw terminal rows.

Upper row: 0–15
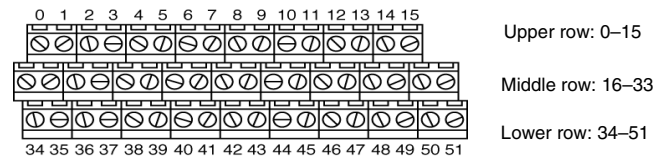
Middle row: 16–33

Lower row: 34–51

Figure 26. Screw terminals for 200-TB3.

The upper row has 16 terminals (0–15) for input/output signals.

The middle row consists of eighteen 0 V DC screw terminals (16–33) which are internally connected. The rightmost and leftmost screw terminals are for connection to power supply.

The lower row consists of eighteen +24 V DC screw terminals (34–51) which are internally connected. The leftmost and rightmost terminals are for connection to power supply.
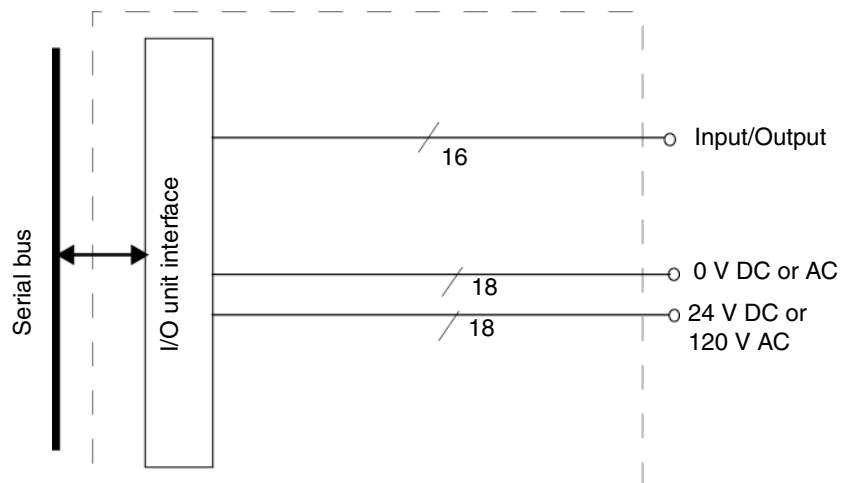
See also Connecting Power Supply Cables on page 42.

Figure 27. The 200-TB3 functional block diagram.