

Terminal Base Unit 200-TB2

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

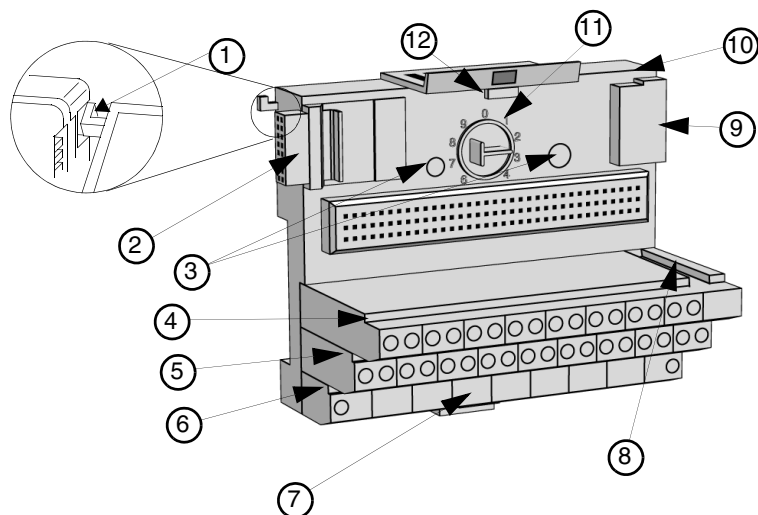


Figure 22. Terminal base unit 200-TB2

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.

This unit assumes that the input devices to be connected are equipped with their own power supply unit.

Screw terminals

Terminal base unit 200-TB2, is equipped with three screw terminal rows.

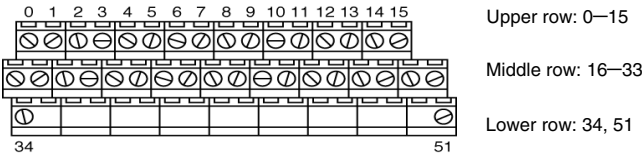


Figure 23. Screw terminal rows for 200-TB2.

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 two +24 V DC screw terminals (34, 51) which are internally connected. These terminals are for connection to power supply.

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

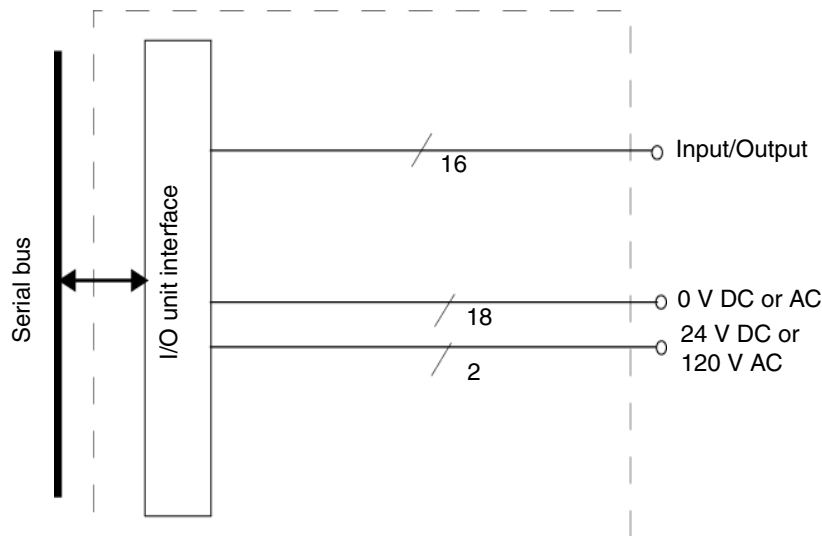


Figure 24. The 200-TB2 functional block diagram.