Terminal Base Unit 200-TB3S

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.

Note that the 200-TB3S is a spring clamp version of 200-TB3. All connections on 200-TB3S are spring clamps. Always use a screw driver when inserting the cable.

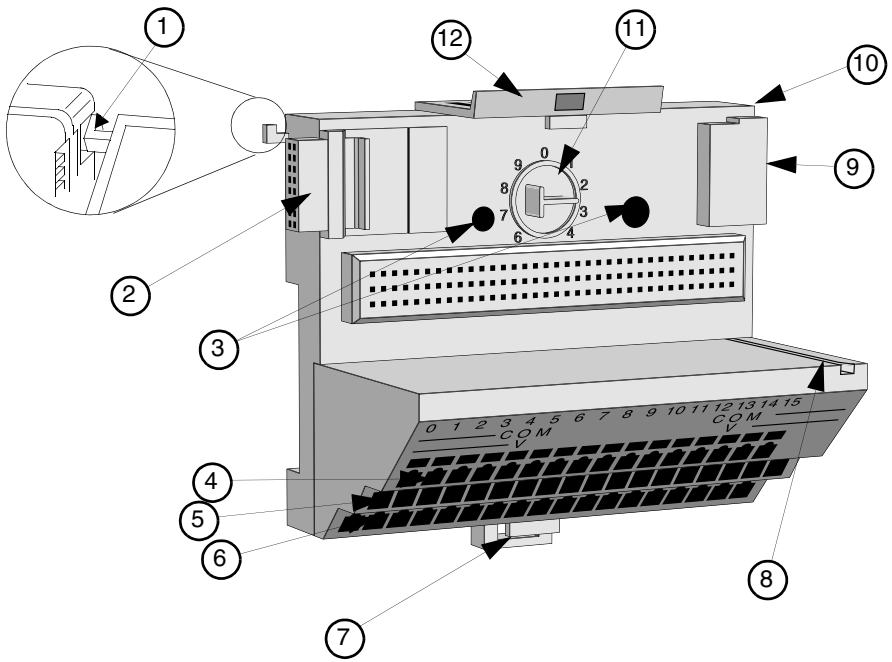

Figure 28. Terminal base unit 200-TB3S.

Component identification

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

6	Cage clamps 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.

Spring clamp terminals

Terminal base unit 200-TB3S, is equipped with three rows of spring clamp terminals.

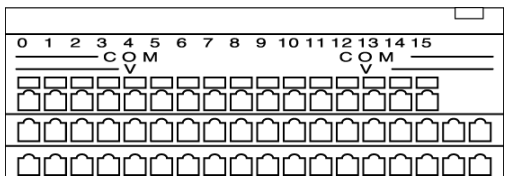

Figure 29. Spring clamp terminals for 200-TB3S.

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

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

The lower row consists of eighteen +24 V DC spring clamp terminals (34–51) which are internally connected. The leftmost and rightmost terminals are for connection to a power supply.

See also Connecting Power Supply Cables on page 42.

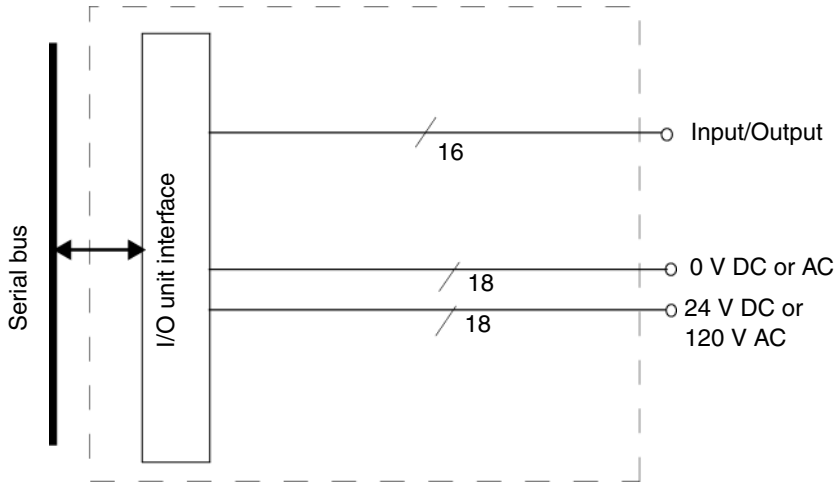

Figure 30. The 200-TB3S functional block diagram.