Terminal Base Unit 200-TBNF

This terminal base unit is intended for connecting an I/O unit and a number of devices to the I/O system. Screw terminals on 200-TBNF are well insulated and can be used for connection of units which allows both +24 V DC and 230 V AC connections. 200-TBNF is equipped with holders for eight fuses connected in series with the eight channels on the top row.

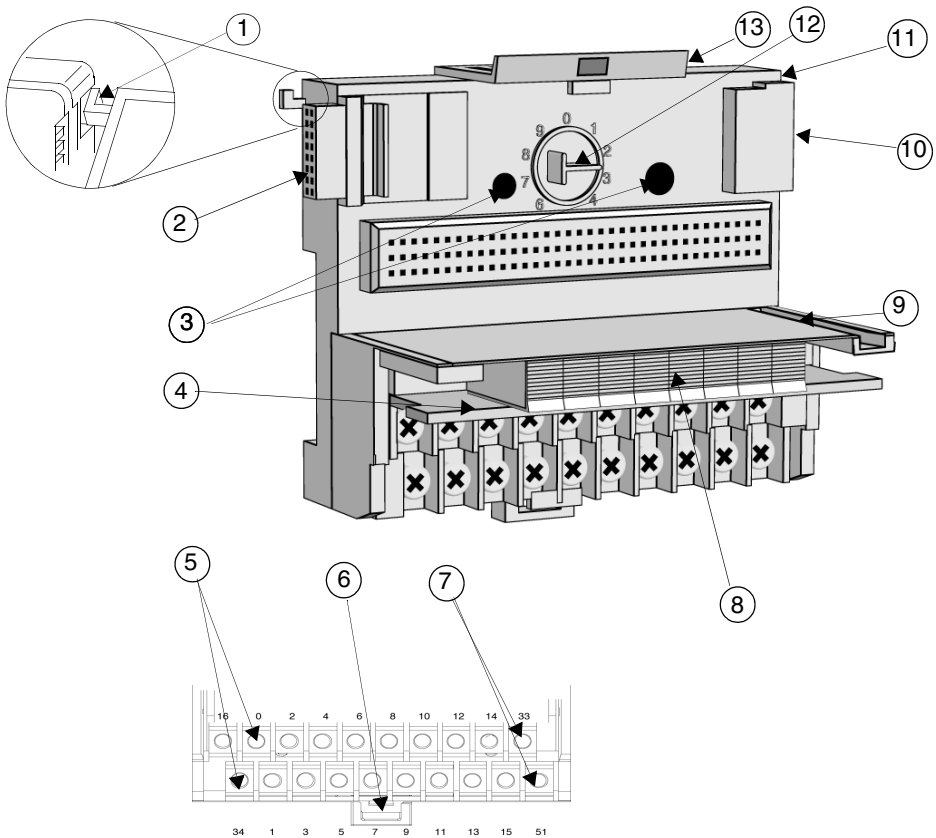

Figure 40. Terminal base unit 200-TBNF.

Component identification

1	Hook
2	Female I/O bus connector
3	Screw holes for panel mounting (Ø 4.5 mm), not used
4	Protection lid
5	Screw terminals for input/output connections
6	Locking tab for DIN rail mounting
7	Screw terminals for power connections (0 V DC and +24 V DC)
8	Fuse holders
9	Groove where the I/O unit guide rail fits
10	Male I/O bus connector
11	Slot for connection of an adjacent Terminal base unit
12	Code key – set to the position required for the installed I/O unit
13	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. The upper row has holders for 8 fuses. This unit is primarily for units with 8 inputs or outputs.

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.

It is assumed that input devices to be connected to this unit are equipped with their own power supply unit.

3 A fuses are supplied with the terminal base unit to be used with 200-OW8. Fuses for other units are described in the technical data for the actual I/O unit.

Screw terminals

Terminal base unit 200-TBNF, is equipped with two screw terminal rows.

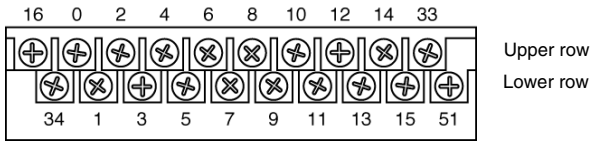

Figure 41. Screw terminals for 200-TBNF.

The upper row has 10 screw terminals, where terminal 16 and 33 are dedicated for 0 V DC and even numbered terminals for input/output signals from a device. This row is secured by fuses.

The lower row consists of 10 screw terminals, where 34 and 51 are for +24 V DC connection and odd numbered terminals for input/output signals from a device.

Also see Connecting Power Supply Cables on page 42.

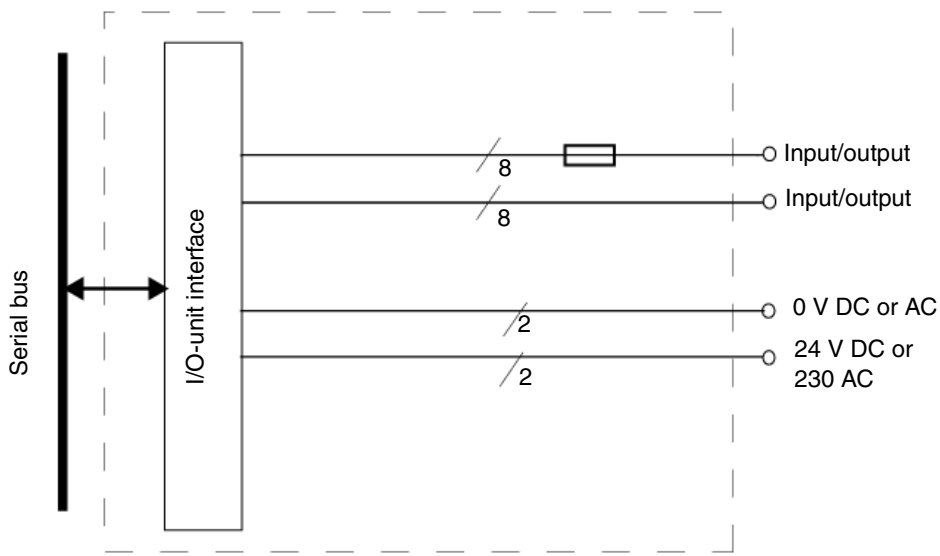

Figure 42. The 200-TBNF functional block diagram.