

DR-75-24 Quick Installation Guide

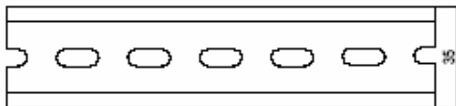
Follow the installation, wiring, and connection instructions specified below before using switching power supplies.



1. Installation

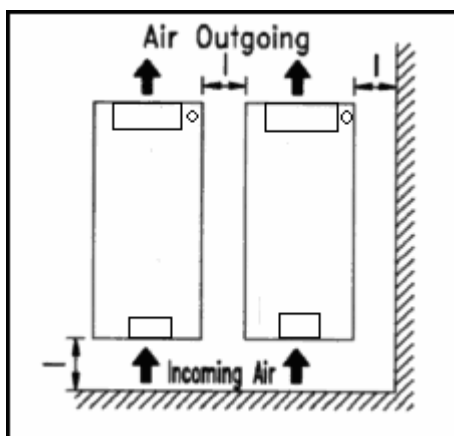
1.1 Mounting the power supply

- a. Make sure the unit is properly ventilated.
- b. Mounting the power supply into the DIN-rail track.



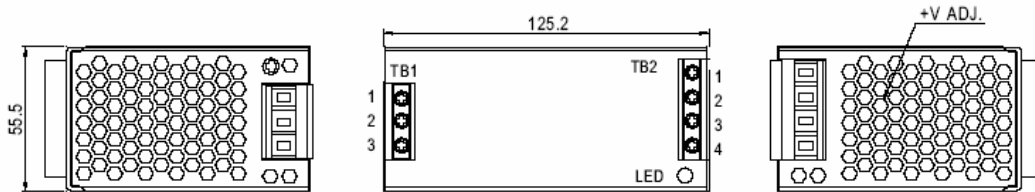
Admissible DIN-Rails: TS35/7.5 or TS35/15

- b.1 Insert the upper end of the DIN-Rail clip into the back of the DIN-Rail track from its upper side.
- b.2 Pull down the plastic bar and push the bottom of the DIN-Rail clip into the track
- b.3 Release the plastic bar and Check if the DIN-Rail clip is tightly attached on the track
- c. Make sure the unit has proper heat conduction. Do not cover the top and bottom wall surface of the unit.
- d. When you install two or more power supplies, leave enough space for cooling.
- e. Forcing air over the unit will improve heat dissipation.



2. Wiring and Connections

2.1 AC Power Input and DC Output wiring



2.1.1 Connecting to DC Output: Insert the positive and negative wires into the +V (Pin 1 or 2) and -V (Pin 3 or 4) terminal contact of TB2, tighten terminal screws to prevent DC Output wires from being loosened. Please be sure to connect DC wires with correct polarity.

Terminal Pin No. Assignment (TB 2) DC Output

Pin No.	Assignment
1, 2	DC OUTPUT +V
3, 4	DC OUTPUT -V

2.1.2 Connecting to AC power Input: Insert AC power lines into terminal contact of Pin 2 & Pin 3 of TB1, tighten terminal screws to prevent AC wires from being loosened.

Terminal Pin No. Assignment (TB 1) AC Power Input

Pin No.	Assignment
1	FG/
2	AC/ N
3	AC/ L

2.1.3 Connecting to Frame Grounding (FG): Connect the frame grounding (Pin 1 of TB1) of switching power supply to the frame ground of the equipment with a short, thick wire to ensure safety and prevent noise.