

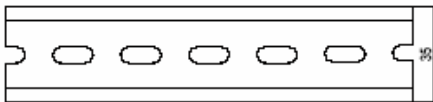
# DR-4524 Quick Installation Guide

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

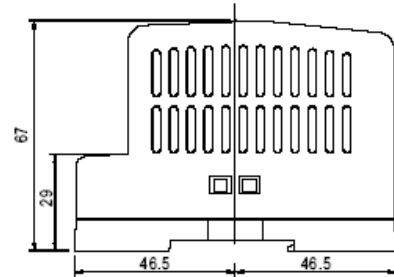
- b.1 Insert the upper end of the DIN-Rail clip into the back of the DIN-Rail track from its upper side.
- b.2 Pull down the plastic DIN-Rail lock and push the bottom of the DIN-Rail clip into the track
- b.3 Pull back plastic DIN-Rail lock and Check if the DIN-Rail clip is tightly attached on the track
- 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

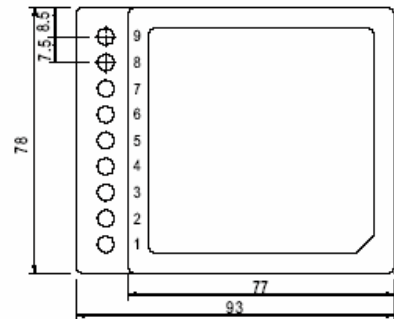
### 2.1 AC Power Input and DC Output wiring

**2.1.1 Connecting to DC Output:** Insert the positive and negative wires into the +V (Pin 6 or 7) and -V (Pin 4 or 5) terminal contact, 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

Pin No.	Assignment
1	AC/ L
2	AC/ N
3	FG/ 
4, 5	DC OUTPUT -V
6, 7	DC OUTPUT +V
8	LED
9	+V ADJ.



**2.1.2 Connecting to AC power Input:** Insert AC power lines into terminal contact of Pin 1 & Pin 2 of terminal contact, tighten terminal screws to prevent AC wires from being loosened.

**2.1.3 Connecting to Frame Grounding (FG):** Connect the frame grounding (Pin 3 of Terminal contact) of switching power supply to the frame ground of the equipment with a short, thick wire to ensure safety and prevent noise.