

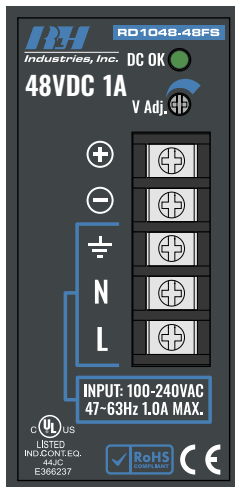


Model: RD1048-48FS

Product Description

The RD1048-XXFS series power supplies are designed for TS-35 DIN rail and wall mounting, and are ideal for use in control systems, factory automation, industrial control, instrumentation, electromagnetic drivers, and other DC load applications. They are designed according to the latest industry standards and are CE and RoHS compliant. Additional features include over voltage, overload, and short circuit protection.

Terminals



Designation	Description
DC OK	DC Power Output Indicator LED
V Adj.	Output Voltage Adjustment
⊕	DC Output Positive Terminal
⊖	DC Negative Terminal
⏏	No Connection
N	AC Neutral Input Terminal
L	AC Line Input Terminal

Model Numbers

Product Family.....RD
Number of Outputs.....1
Rated Output Wattage.....048
Rated Output Voltage.....24
Input Voltage Range.....F
Miniature Version.....S

(Example: 48VDC Model)

	RD	1	048	- 48	F	S
DIN Rail						
Single Output						
48W						
48VDC						
100~240VAC						

Installation

1. Ensure wire connections are correct before turning on AC source. The connectors can be torqued to 8 lb-in maximum, use copper connectors only. When installing in Pollution Degree 2 environments, maximum ambient air temperature is 40°C (104°F).
2. The vent holes in the left of the housing must be 15mm minimum distance from other equipment to allow for heat dissipation. (Fig. 1)
3. Snap the power unit on TS-35 DIN rail to install (Fig. 2) Use a flat head screw driver to pull down underside mounting tab to release power unit from the DIN rail. (Fig. 2)
4. For wall mounting ,pull both bottom and top tabs to their extended position. Then use screws to attach unit to the wall as shown. (Fig. 3)
5. Output voltage adjustable range is +/-10% of rated voltage. Over +10% may cause over voltage protection to engage, under 10% may cause output oscillation at lower loading.
6. **Caution:** Mount power supply upright without blocking vent holes on the top and bottom of the housing to ensure air-flow for convection cooling.

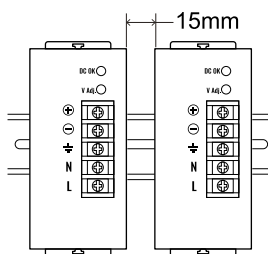


Fig. 1

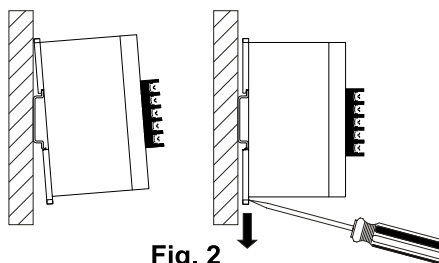


Fig. 2

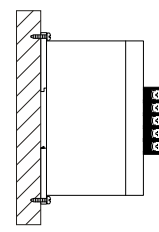


Fig. 3