

RHINO Installation Instructions for PSE 60 Series Power Supply



READ INSTRUCTIONS BEFORE INSTALLING OR OPERATING THIS DEVICE. KEEP FOR FUTURE REFERENCE.

PSE 60 Series AC/DC Switching Power Supply

Part No.	Output Power Max.	Output 1
PSE05-150	51 Watt	5.1 VDC / 10,000 mA
PSE12-160	60 Watt	12 VDC / 5000 mA
PSE15-160		15 VDC / 4000 mA
PSE24-160		24 VDC / 2500 mA

Input Voltage of Rated	100-240 VAC / 50 - 60 Hz	Terminal for Wiring	Screw type terminal: Wires 1.5mm ² (16 AWG) Max (Use Copper Conductors only, 60/75°C [140/158°F]) Recommending tightening torque: 0.5 to 0.6Nm (4.5 to 5.3 lb-in)
Input Current	1520 mA Max		
Operation Temperature Range	-10°C to +50°C Max (-14°F - +122°F) -10°C to +40°C Max (-14°F - +104°F) (For 5.1V Only)	Case Material	Plastic resin + Fiberglass UL 94V-0 flammability rating
Output Power Derating:	PSE05-160: Above 40°C → 2.5%/°C Others: Above 50°C → 3.75%/°C		

Safety Instructions:

- Before installation read these instructions carefully and completely. These installation instructions cannot cover every possible example of installation, operation or maintenance. Further information is obtainable from the product data sheet which can be downloaded from the internet at www.AutomationDirect.com
- The power supplies are constructed in accordance with the safety requirements of IEC/EN60950-1 and UL60950-1 and UL 508. They fulfill the requirements of the Low Voltage Directive (LVD) and carry the CE mark. They are UL and cUL approved in accordance to UL60950-1 and UL 508.
- Before installation, maintenance or modification work, ensure that the main switch is switched off and prevented from being switched on again. Touching any live components or mishandling of this power supply can result in serious injury, death or substantial property damage. The successful and safe operation is dependent of proper storage, handling, installation and operation.
- Compliance with the relevant national regulations (in the USA, Europe and other countries) must be ensured. Before operation is started the following conditions must be ensured:
 - Connection to mains supply in compliance with national regulations.
 - If using of stranded wires, all strands must be fastened in the terminal blocks.
 - Power supply and mains cables must be sufficiently fused.
 - All output wires must be rated for the power supply output current and must be connected with the correct polarity
 - Sufficient cooling must be ensured
 - Keep away from fire and water
 - The equipment for installation in a Pollution Degree 2 environment.
- Never work on the power supply if power is supplied! Risk of electric arcs and electrical shock which can cause death, severe personal injury or substantial property damage.

- Warning: Hazardous voltages and components storing a substantial amount of energy are present in this power supply during normal operating conditions. However, these are inaccessible. Improper handling may result in an electric short or serious burns!
- Do not open the power supply housing. There are no user-repairable components inside.
- If you have any questions concerning the installation or operation of this equipment, or if you need additional information, please call AutomationDirect.com Tech Support at 770-844-4200.

Installation Instructions:

- This power supply is designed for professional indoor systems. In operation the power supply must not be accessible. It may be installed and put into service by qualified personnel only.
- The correct mounting position for optimal cooling performance must be observed. Observe power derating. (See data sheet)
- Recycling: The unit contains elements which are suitable for recycling, and components which need special disposal. You are therefore requested to make sure that the power supply will be recycled by the end of its service life.

Caution: Not for outdoor use.

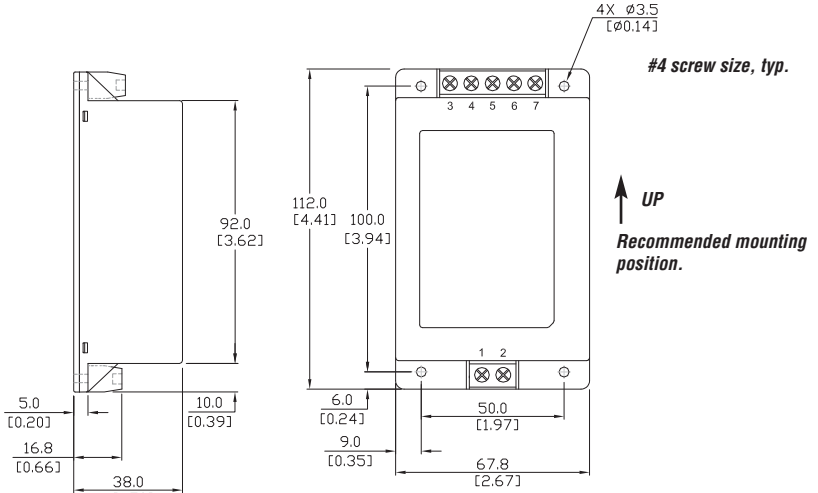
Wiring terminals diagram:



UL60950-1 recognition
File# E198298



UL508 Listing
File# E197592

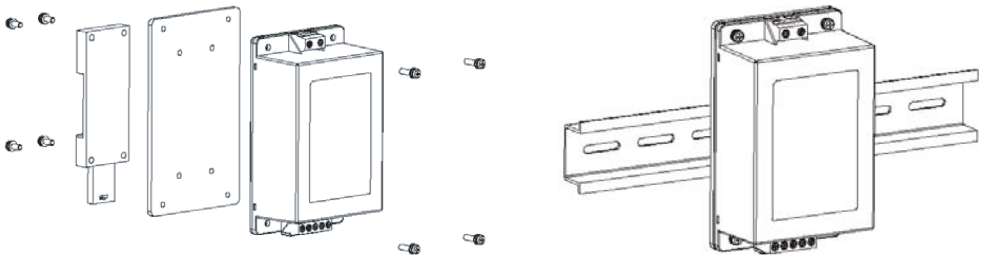


Dimensions mm [inches]

Connection	
Pin	Function
1	AC(N) - AC Neutral
2	AC(L) - AC Line
3	NC
4	+Vout
5	NC
6	-Vout
7	NC

NC: No Connection

DINrail Mounting Kit PSE-BRKT-2*



* DINrail mounting kit sold separately.

Recommended torque for all mounting screws: 0.6 Nm (5 lb-in)