

60W DIN RAIL SWITCH MODE POWER SUPPLY

DRS-6000 SERIES

USER'S MANUAL

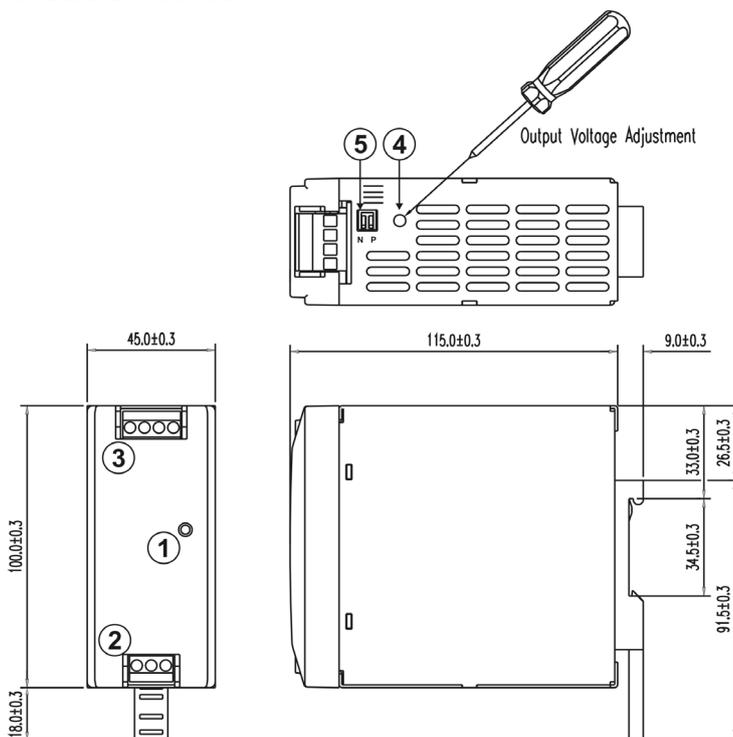
INTRODUCTION

This range of compact DIN mounted switching mode power supplies are designed for a wide range of control equipment which demands good quality regulated DC power source with excellent EMC immunity and electrical performance in an industrial environment.

FEATURES

1. Overload Protection: The constant current circuitry is adopted to prevent from overload. The DC output ON indicator will turn off when the unit is overloaded.
2. Over Temperature Protection: The over temperature circuitry is functioned when the unit is over a certain high temperature to prevent the unit from damage by the high temperature. When the circuitry is functioned, the output voltage and current will drop down and the DC output ON indicator will turn off.
3. Over Voltage Protection: The over voltage circuitry protect the unit and the loading equipment from damage by abnormal high output voltage.
4. High RFI Stability: The high protection circuitry against RFI (Radio Frequency Interference) provides a stable operation.
5. The concealed trimmer (Fine tune access port) allows fine tuning of output voltage.
6. Up to 5 units can be connected in parallel.

PANEL DESCRIPTION



1. DC output ON indicator
3. DC output terminal block
5. Parallel connection switch

2. AC input terminal block
4. Fine tune access port

(This switch is default set at "N">Normal.

To parallel the units, please switch to "P">Parallel before connection of load).

INSTALLATION

1. The DRS-6000 series power supplies are build-in units and designed for mounting on a standard DIN-rail TS35 (35x15/7.5).
2. Make sure the correct mounting position for optimal cooling performance.
3. To fix the unit on the DIN rail, hook top part of clip on DIN rail, push down and inwards until you hear a clipping sound.
4. To remove the unit, insert a insulated flat head screwdriver into the recess in the clip closest to bottom of the unit and then push down to remove it from the recess and lift it off from DIN rail.

Note: For Indoor Use Only.

SAFETY PRECAUTIONS

1. NEVER remove the metal cover of the power supply while AC power is connected.
2. NEVER touch the unit when your hands are wet.
3. NEVER touch the enclosure during the unit is full load powered, touching it may burn your hands or part of your body by high temperature.
4. This series are build-in power supplies and should be installed inside a main frame with at least 200 CFM air ventilation.
5. NEVER operate the unit if foreign materials such as metallic objects, water, or other debris have fallen inside. Contact your dealer for check and repair.
6. NEVER operate the unit that was being damaged, as the voltage regulation circuitry may have been disabled. The resulting high voltage could damage your equipment.

