

GPC40 SERIES CHASSIS WITH COVER - INSTALLATION INSTRUCTIONS

INSTALLATION

If not installed, Install insulator such that air vents are not obstructed and side flaps fold up the chassis walls. Insure insulator is over mounting standoffs and flush to chassis bottom. Install power supply into chassis with AC input end over insulator - **FAILURE TO DO SO CAN RESULT IN A SAFETY CLEARANCE VIOLATION**- Assemble screws by placing (1) lock washer and (1) flat washer over each screw. Install (4) screws through Power Supply into chassis mounting standoffs and tighten. Install cover with (4) #4 x.250 self tapping screws.

!!!!Warning!!!!

SUPPLY MUST HAVE MOVING AIR IN ORDER TO MAINTAIN ADEQUATE COOLING. 20CFM IS RECOMENDED IN ORDER TO MAINTAIN MAXIMUM OPERATING TEMPERATURE LIMITS OF CERTAIN SAFETY COMPONENTS, AS DEFINED IN THE APPLICABLE SAFETY STANDARDS. THESE MUST NOT BE EXCEEDED AFTER INSTALLATION TO PRESERVE THE INTENDED SAFETY. THE OUTPUT POWER, AMBIENT AIR TEMPERATURE AND THE AVAILABILITY, AMOUNT, DIRECTION AND/OR RESTRICTION OF AIRFLOW INFLUENCE THE TEMPERATURES OF THESE COMPONENTS

SAFETY

All models prior to assembly into chassis are Certified to be in compliance with the applicable requirements of UL 1950, CSA 22.2 No. 234 (Level 3), IEC 950, EN60950 and VDE 0805 for Pollution Degree 2 environment and Class I TN-S power systems) The output of these supplies meet the requirements for SELV and are not an energy hazard.

The maximum operating temperatures of certain safety components, as defined in the applicable safety standards, must not be exceeded after installation to preserve the intended safety. The output power, ambient air temperature and the availability, amount, direction and/or restriction of airflow influence the temperatures of these components.

GROUNDING: Protection Class I requires that the ground terminal be bonded to Protective Earth in the end application. Using this terminal for the primary system earthing terminal is not recommended.

Creepage and clearance distances from primary circuits to ground and secondary circuits, as defined in the applicable safety standards, must be maintained after installation to preserve the intended safety.

WARNING! RISK OF FIRE!

A blown fuse is an indication of catastrophic failure of circuit component(s). Repair must be performed by Condor authorized personnel. Fuse F1 must be replaced with 2A 250V (fast blow), UL Listed and CSA Certified type.

CONNECTIONS

J1 AC Input	Multi-Output Models	Single Output Models Only	
	J2 DC Outputs	J2 DC Output	J3
1) Line	1) Output 2 (+)	1) Output 1 (+)	1) + Sense
3) Neutral	2) Output 1 (+)	2) Output 1 (+)	2) Com Sense
	3) Output 1 (+)	3) Output 1 (+)	
	4) Common	4) Common	
	5) Common	5) Common	
	6) Output 3 (-)	6) Common	

MATING CONNECTORS

J1	Molex Housing 09-50-8031	Contact 08-50-0189
J2	Molex Housing 09-50-3061	Contact 08-50-0189

Condor DC Power Supplies Inc. will not be liable for the safety, reliability or performance of these power supplies if a) any changes, modifications or repairs are carried out by other than authorized agents of Condor DC Power Supplies Inc., or b) the installation of the supply is not in accordance with these installation instructions and the applicable UL, CSA, IEC and/or VDE safety standards.