



CONDOR DC POWER SUPPLIES INC.
2311 STATHAM PKWY
OXNARD, CA 93033 + 805-486-4565

GSC25 SERIES INSTALLATION INSTRUCTIONS

RATINGS:

Input: 100-240 V ac, 0.9 A, 50/60 Hz

Outputs:

Model	Watts ¹	Output #1	Output #2	Output #3
GSC25A	25	+5.1 V dc 2.5 A	+12 V dc 1.5 A	-12 V dc 0.2 A
GSC25B	25	+5.1 V dc 2.5 A	+15 V dc 1.5 A	-15 V dc 0.2 A
GSC25D	25	+5.1 V dc 2.5 A	+24 V dc 1 A	-12 V dc 0.2 A
GSC25G	25	+3.3 V dc 2.5 A	+12 V dc 1.5 A	-12 V dc 0.2 A

Notes:

1. Maximum continuous output power at 50 °C - Total of all Outputs with or without chassis/cover (-LC suffix) option.
2. Maximum Relative Humidity 96 %, no condensation.
3. Storage: -40 to +85 °C. Units should be allowed to warm-up under non-condensing conditions before application of power.



SAFETY DECLARATION: Condor DC Power Supplies, Inc. declares under our sole responsibility that all models listed above are in conformity with the applicable requirements of EN 60950-1 following the provisions of the Low Voltage Directive 73/23/EEC. All models are Certified to be in compliance with the applicable requirements of UL 60950, CAN/CSA 22.2 No. 60950-1, EN 60950-1, and IEC 60950-1 for Pollution Degree 2 environment and Class I TN-S power systems. The outputs of the supplies meet the requirements for SELV and are not an energy hazard.

GROUNDING: The ground terminal must be bonded to Earth in the end application. Using this terminal for the primary system earthing terminal is not recommended.

SPACINGS: 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.

TEMPERATURES: 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.

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 T 2 A/250 V (slow blow), UL Listed and CSA Certified type.

WARNING! SHOCK HAZARD! Dangerous voltages are present on some components, printed wiring traces and heatsinks.

CONNECTIONS

J1 Pin	AC Input
1	Line
3	Neutral

J2 Pin	DC Output
1	Output #2 (+)
2	Output #1 (+)
3	Output #1 (+)
4	Common
5	Common
6	Output #3 (-)

MATING CONNECTORS	
J1	AMP Housing 640250-3 Contact 770522-1
J2	AMP Housing 640250-6 Contact 770522-1

EXPLANATION OF SYMBOLS	
	Alternating Current
	Attention, Consult Accompanying Documents
	Attention, Dangerous Voltages
	Earth (Ground)

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, and EN/IEC safety standards.