SL POWER ELECTRONICS CORP.
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GLC110 SERIES
INSTALLATION INSTRUCTIONS

CONDOR

MODEL NUMBERS: GLC110-X, where X = 12, 15, 24, 212, 215, or 524. May be followed by suffix –L to indicate optional chassis or –LC to indicate chassis/cover and/or suffix –XXX where XXX may be any number from 001 thru 999 to indicate value added configurations that have no impact on safety and/or suffix G to indicate compliance to RoHS.

RATINGS:
Input: 100-240 V ac, 2.9 A, 50/60 Hz
Output:

MODEL	Output	Volts	0 CFM 60 Watts Max With Cover	0 CFM 75 Watts Max Without Cover	26 CFM 110 Watts Max With or without cover
GLC110-12	#1	12	5.0 A	6.3 A	9.1 A
GLC110-15	#1	15	4.0 A	5.0 A	7.3 A
GLC110-24	#1	24	2.5 A	3.2 A	4.6 A
GLC110-212	#1	+12	5.0 A	6.3 A	9.1 A
	#2	-12	2.5 A	2.5 A	3.0 A
GLC110-215	#1	+15	4.0 A	5.0 A	7.3 A
	#2	–15	2.5 A	2.5 A	3.0 A
GLC110-524	#1	+24	2.5 A	3.2 A	4.6 A
	#2	+5	1.5 A	1.5 A	2.0 A

Notes:
1. Wattage ratings are maximum continuous power, total of all outputs at ambient of 50 °C.
2. Maximum Operating 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.

CE

SAFETY DECLARATION: SL Power Electronics, Corp. (SLPE). 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 60950-1, CSA 22.2 No. 60950-1 (L3M1), and EN 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.

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.

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.

EXPLANATION OF SYMBOLS	
∿	Alternating Current
⎓	Direct Current
⚠	Attention, Consult Accompanying Documents
⚡	Attention, Dangerous Voltages
⏚	Earth (Ground)

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 F 3.15A 250V, IEC 60127-2 type.

CONNECTIONS

		Single Output Models				Multi-Output Models			
J1 Pin	AC Input	J2 Pin	DC Output	J2 Pin	DC Output	J2 Pin	DC Output	J2 Pin	DC Output
1	Ground	1	+ Output	8	Return	1	Output #1	8	Common
3	Neutral	2	+ Output	9	Return	2	Output #1	9	Common
5	Line	3	+ Output	10	Power Fail	3	Output #1	10	Power Fail
		4	+ Output	11	N/C	4	Output #1	11	N/C
		5	Return	12	N/C	5	Common	12	Output #2 (-)
		6	Return	13	N/C	6	Common	13	Output #2 (+)
		7	Return			7	Common		

MATING CONNECTORS	
J1	Amp/Tyco Housing 640250-5 Contact 640706-1
J2	Amp/Tyco Housing 1-640250-3 Contact 640706-1

CAUTION:
Do not exceed 5 A per contact.

SLPE. 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 SLPE., or b) the installation of the supply is not in accordance with these installation instructions and the applicable UL, CSA, EN, and IEC safety standards.

41-34676-0001 Rev. E 6/19/07