SL POWER ELECTRONICS CORP.
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GLC75 MULTI-OUTPUT SERIES
INSTALLATION INSTRUCTIONS

MODEL NUMBERS: GLC75X where X may be the letter A, B, C, D, E, F, H, J or P. Models may be followed by -CV, -L, -LC, -V, -XXX and/or G. Suffix –CV indicates optional voltage adjust for output #1 and bracket/cover; -L indicates optional L bracket; -LC indicates bracket/cover; -V indicates output adjust for output #1; -XXX indicates value added configurations that have no impact on safety which may be any number from 001 thru 999; and/or G indicates compliance to RoHS.

RATINGS:

Input: 100-240 V ac, 3.1 A, 50/60 Hz

Output: Maximum Continuous Power, total of all outputs at ambient of 50 °C.

Standard		With Chassis/Cover (Note 3)	
26 CFM 110 Watts	0 CFM 75 Watts	26 CFM 110 Watts	0 CFM 65 Watts

MODEL	Output #1	Note 1	Note 2	Output #2	Note 1	Note 2	Output #3	Note 1	Note 2	Output #4	Note 1	Note 2
GLC75A	+5.1 V	8 A	10 A	+12 V	2.5 A	3.0 A	-12 V	1.0 A	1.0 A	+12 V	2.5 A	3.0 A
GLC75B	+5.1 V	8 A	10 A	+12 V	2.5 A	3.0 A	-5 V	1.0 A	1.0 A	+12 V	2.5 A	3.0 A
GLC75C	+5.1 V	8 A	10 A	+12 V	2.5 A	3.0 A	-15 V	1.0 A	1.0 A	+15 V	2.5 A	3.0 A
GLC75D	+5.1 V	8 A	10 A	+24 V	2.5 A	2.5 A	-12 V	1.0 A	1.0 A	+12 V	2.5 A	3.0 A
GLC75E	+5.1 V	8 A	10 A	+24 V	2.5 A	2.5 A	-15 V	1.0 A	1.0 A	+15 V	2.5 A	3.0 A
GLC75F	+5.1 V	8 A	10 A	+15 V	2.5 A	3.0 A	-5 V	1.0 A	1.0 A	-15 V	2.5 A	3.0 A
GLC75H	+5.1 V	8 A	10 A	+15 V	2.5 A	3.0 A	-15 V	1.0 A	1.0 A	+15 V	2.5 A	3.0 A
GLC75J	+5.1 V	8 A	10 A	+12 V	2.5 A	3.0 A	-12 V	1.0 A	1.0 A	5 V	2.0 A	3.0 A
GLC75P	+5.1 V	8 A	10 A	+24 V	4.0 A	4.0 A	-12 V	1.0 A	1.0 A	+12 V	2.5 A	3.0 A

Notes:
1. Maximum ratings for 0 CFM airflow without chassis/cover.
2. Maximum ratings for 26 CFM airflow.
3. Contact SL Power Electronics Corp Technical Support for airflow requirements when using chassis/cover option.
4. Maximum Operating Relative Humidity 96 %, no condensation.
5. Storage: -40 to +85 °C. Units should be allowed to warm-up under non-condensing conditions before application of power.

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SAFETY DECLARATION: SL Power Electronics Corp. 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 1950, CSA 22.2 No. 950-95 (Level 3), 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.

GROUNDING: The Earth (ground) terminal J1, pin 1, must be bonded to Protective Earth in the end application to preserve the intended safety. Using the Earth terminal on the supply for grounding the end product's protective earthing terminal is not recommended. A separate dedicated protective earthing point should be used.

SPACINGS: The required creepage and clearance distances from primary circuits to ground and secondary circuits 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 internal fuse is an indication of catastrophic failure of circuit component(s). Repair must be performed by SL Power Electronics Corp. authorized personnel. Refer to fuse marking on the supply for type and rating.

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

CONNECTIONS

J1 Pin	AC Input
1	Ground
3	Neutral
5	Line

J2 Pin	DC Output
1,2,3	Output #1 +
4,5,6,7	Common
8,9	Output #2 +
10	Power Fail

J2 Pin	DC Output
11	Output #3 -
12	Output #4 -
13	Output #4 +

MATING CONNECTORS
J1 - Amp Housing 640250-5 Pin 770522-1
J2 - Amp Housing 1-640250-3 Pin 770522-1

CAUTION: Do not exceed 5 A per contact.

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