

# CONVERSION SHEET

## INTERNATIONAL A+ & M-SERIES LINEAR MODELS

The modifications to standard models as defined in this document are identified by replacing the “-A” or “-A+” part of the model number by the appropriate dash number. Example: HB5-3/OVP-A+ becomes HB5-3/OVP-001; MC12-3.4-A becomes MC12-3.4-502. The marking on the chassis silkscreen is not changed. A label with the appropriate dash numbers is added in the location described below.

### MODELS WITH -0XX SUFFIX

<b>-00X = NO INPUT JUMPERS ON TRANSFORMER</b>	
DASH NO.	DESCRIPTION
-001	0.375" Terminal Block Output Connector. See model specific BOM for number of terminals.
-002	OVP12 or OVP24 set as listed below (single output models only) 12V = 13.8 ±0.8V 15V = 17.0 ±1.0V 24V = 27.0 ±1.0V 28V = 31.0 ±1.0V
-003	Adjustable 9-15V or 12-15V output set to 12V. Use appropriate ATE program.
-004	Split type lockwashers installed on TO-3 transistors.
-005	Combination of -001 and -003. Use instructions for -001 <b>AND</b> -003 above. Install sense jumpers for 5V output.
-006	Seal all voltage and current adjust pots.

### MODELS WITH -5XX SUFFIX

<b>-50X = INPUT JUMPERS SET FOR 120V OPERATION</b>	
DASH NO.	DESCRIPTION
-500	Jumper pins 1 to 3 and 2 to 4 on transformer using 20GA buss wire. Apply AC input to terminals 1 and 4.
<b>All modifications listed below must include the jumpers for -500 above.</b>	
-501	0.375" Terminal Block Output Connector. See model specific BOM for number of terminals.
-502	OVP12 or OVP24 set as listed below (single output models only) 12V = 13.8 ±0.8V 15V = 17.0 ±1.0V 24V = 27.0 ±1.0V 28V = 31.0 ±1.0V
-503	Adjustable 9-15V or 12-15V output set to 12V. Use appropriate ATE program.
-504	Split type lockwashers installed on TO-3 transistors.
-505	Combination of -501 and -503. Use instructions for -501 <b>AND</b> -503 above. Install sense jumpers for 5V output.
-506	Seal all voltage and current adjust pots.

RECORD OF REVISIONS					SL POWER ELECTRONICS CORP.			
LTR	ECN	DESCRIPTION	INC	DATE	6050 KING DR. BLDG. A. Ventura, CA 93033 - 805-486-4565			
G	4733		DH	4/6/92	DRAWN	DATE	DRAWING NO.	REV
H	5666		DH	4/9/94	<i>DN</i>	1/3/94	<b>41-32492-0000</b>	<b>K</b>
J	7012		DF	9/28/98	CHECK	DATE		
K	45067	Removed Label note	R.J.	4/17/09				
Date Printed: 4/30/09					SHT 1 OF 3			

## MODELS WITH -6XX SUFFIX

<b>-60X = INPUT JUMPERS SET FOR 100V OPERATION</b>	
DASH NO.	DESCRIPTION
-600	Jumper pins 1 to 3 and 2 to 4 on transformer using 20GA buss wire. Apply AC input to terminals 1 and 5.
<b>All modifications listed below must include the jumpers for -600 above.</b>	
-601	0.375" Terminal Block Output Connector. See model specific BOM for number of terminals.
-602	OVP12 or OVP24 set as listed below (single output models only) 12V = 13.8 ±0.8V 15V = 17.0 ±1.0V 24V = 27.0 ±1.0V 28V = 31.0 ±1.0V
-603	Adjustable 9-15V or 12-15V output set to 12V. Use appropriate ATE program.
-604	Split type lockwashers installed on TO-3 transistors.
-605	Combination of -601 and -603. Use instructions for -601 <b>AND</b> -603 above. Install sense jumpers for 5V output.
-606	Seal all voltage and current adjust pots.

## MODELS WITH -7XX SUFFIX

<b>-70X = INPUT JUMPERS SET FOR 220V OPERATION</b>	
DASH NO.	DESCRIPTION
-700	Jumper pins 2 to 3 on transformer using 20GA buss wire. Apply AC input to terminals 1 and 5.
<b>All modifications listed below must include the jumpers for -700 above.</b>	
-701	0.375" Terminal Block Output Connector. See model specific BOM for number of terminals.
-702	OVP12 or OVP24 set as listed below (single output models only) 12V = 13.8 ±0.8V 15V = 17.0 ±1.0V 24V = 27.0 ±1.0V 28V = 31.0 ±1.0V
-703	Adjustable 9-15V or 12-15V output set to 12V. Use appropriate ATE program.
-704	Split type lockwashers installed on TO-3 transistors.
-705	Combination of -701 and -703. Use instructions for -701 <b>AND</b> -703 above. Install sense jumpers for 5V output.
-706	Seal all voltage and current adjust pots.

## MODELS WITH -8XX SUFFIX

### -80X = INPUT JUMPERS SET FOR 240V OPERATION

DASH NO.	DESCRIPTION
-800	Jumper pins 2 to 3 on transformer using 20GA buss wire. Apply AC input to terminals 1 and 4.
<b>All modifications listed below must include the jumpers for -800 above.</b>	
-801	0.375" Terminal Block Output Connector. See model specific BOM for number of terminals.
-802	OVP12 or OVP24 set as listed below (single output models only) 12V = 13.8 ±0.8V 15V = 17.0 ±1.0V 24V = 27.0 ±1.0V 28V = 31.0 ±1.0V
-803	Adjustable 9-15V or 12-15V output set to 12V. Use appropriate ATE program.
-804	Split type lockwashers installed on TO-3 transistors.
-805	Combination of -801 and -803. Use instructions for -801 <b>AND</b> -803 above. Install sense jumpers for 5V output.
-806	Seal all voltage and current adjust pots.