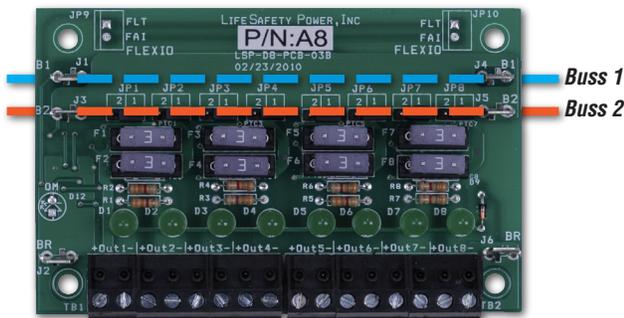


OVERVIEW

Common camera wiring practices in the CCTV and security industries require the AC power system to have available both 24 and 28VAC outputs.

Traditionally, a tapped AC transformer is combined with independent 24VAC and 28VAC distribution modules, which although a working solution, is not economical, either in cost, space or labor.

The FlexPower FPA system utilizes a tapped toroid transformer and an innovative dual buss structure that runs through the A8 auxilliary power module to make both voltages available on a per zone, user selectable basis.



SYSTEM BENEFITS

- When used on a low voltage AC power system for cameras, the dual buss structure allows for each individual camera to be selected for either 24 or 28VAC operation
- Multiple A8 auxilliary power modules can be daisy-chained together to increase the number of outputs in increments of 8

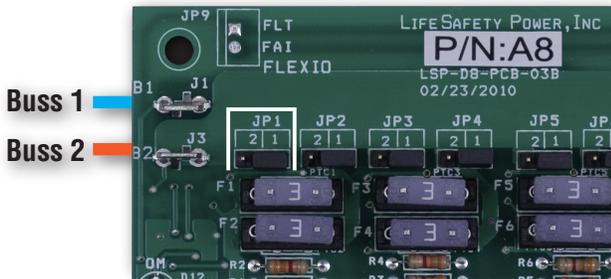
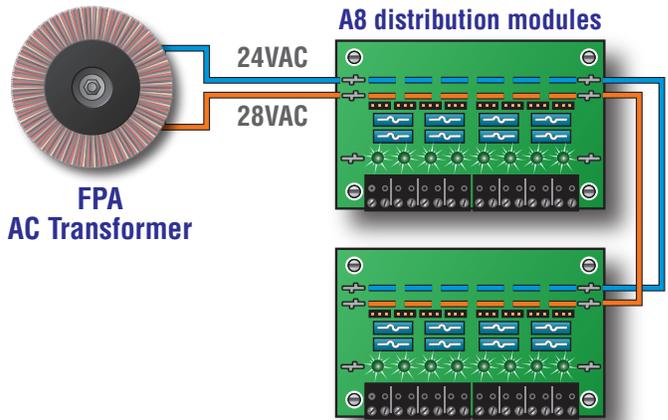
DISTRIBUTED POWER APPLICATION

The A8 auxilliary module is used to distribute power across eight output zones. Multiple A8 modules can be daisy-chained together in an FPA FlexPower system based on the number of cameras requiring power.

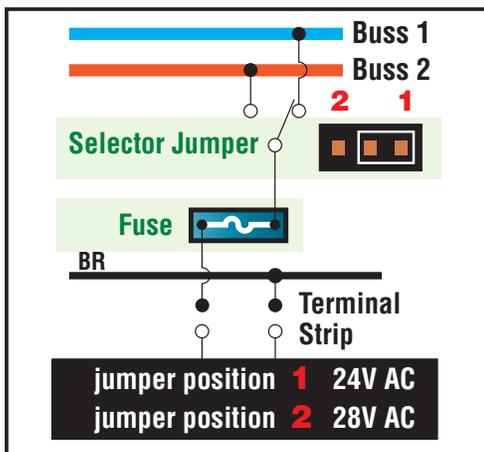
The 24V output from the FPA transformer is connected to Buss 1 and 28V to Buss 2. The A8 module now enables each individual output to be user-selected for either 24 or 28V AC.

A8 ZONE PROGRAMMING OPTIONS

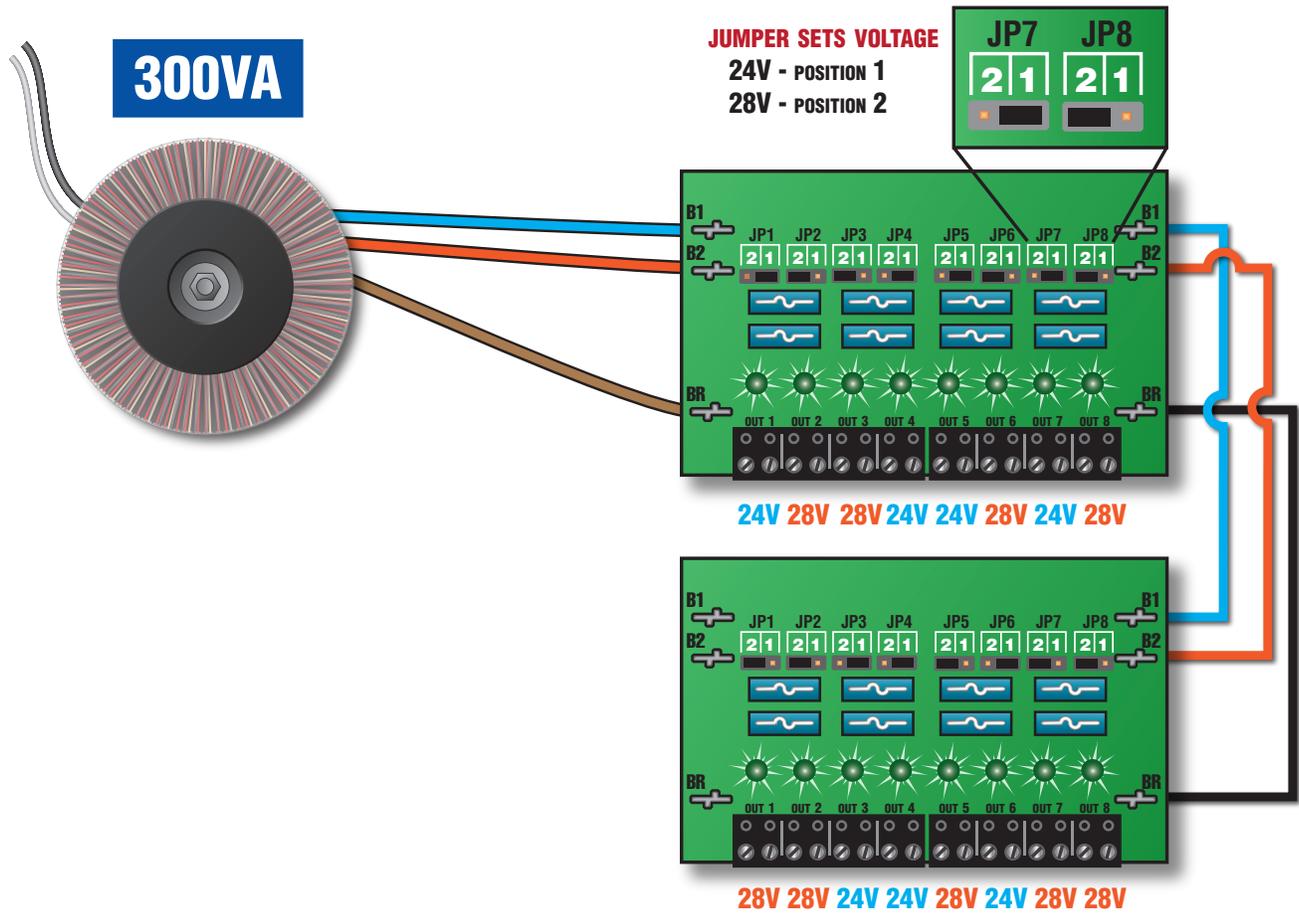
By using a simple jumper arrangement as a SPDT switch to connect the FPA transformer outputs to either buss, individual A8 outputs may be selected to operate from either of the two system voltages.



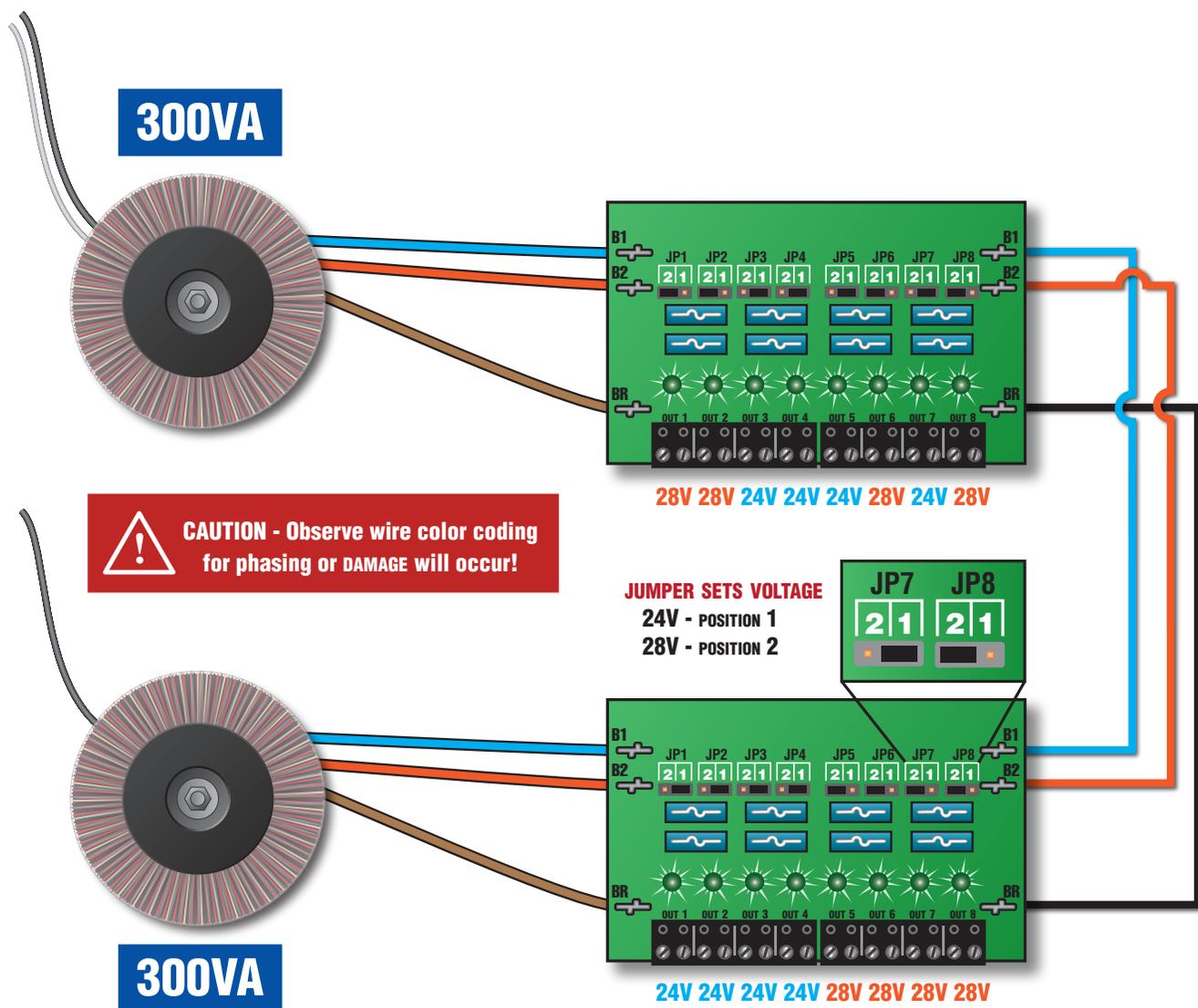
Individual zone setting
 24V or 28V AC output



TYPICAL 300VA, 16 ZONE MIXED 24/28VAC POWER



TYPICAL 600VA, 16 ZONE MIXED 24/28VAC POWER



ACCESSORY BOARD ORDERING

The specific LifeSafety Power part number is:

| Model Number | Description |
|--------------|--|
| A8 | 8 output AC power distribution module, fuse protected |
| A8P | 8 output AC power distribution module, power limited |
| B100 | DC to DC converter provides +12VDC or adjustable voltage of 5 to 18VDC |
| C4 | 4 input, 4 output lock controller, fuse protected |
| C4P | 4 input, 4 output lock controller, power limited |
| C8 | 8 input, 8 output lock controller, fuse protected |
| C8P | 8 input, 8 output lock controller, power limited |
| D8 | 8 output DC power distribution module, fuse protected |
| D8P | 8 output DC power distribution module, power limited |
| F8 | 8 output programmable power distribution module, fuse protected |
| F8P | 8 output programmable power distribution module, power limited |

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***Important:** All information, including illustrations, is believed to be reliable. Users, however, should independently evaluate the suitability of each product for their particular application. LifeSafety Power makes no warranties as to the accuracy or completeness of the information, and disclaims any liability regarding its use. LifeSafety Power's only obligations are those in the LifeSafety Power Standard Terms and Conditions of Sale for this product, and in no case will LifeSafety Power or its distributors be liable for any incidental, indirect, or consequential damages arising from the sale, resale, use, or misuse of the product. Specifications are subject to change without notice. In addition, LifeSafety Power reserves the right to make changes—without notification to Buyer—to processing or materials that do not affect compliance with any applicable specification.*