

# Pretoria - Tech Talk # 12

Date: 9/11/15

**Topic:** Fluorescent Ballast Technical Information—BAL-025-01 vs. BAL-025L-01

Pretoria Transit Interiors has issued this Tech Talk to keep our customers informed on issues pertaining to passenger interior fluorescent light systems.

Pretoria transit Interiors currently manufactures fluorescent lighting fixtures that can use interchangeable ballast: BAL-025-01 and BAL-025L-01. Ballast BAL-025L-01 contains additional components that add Latching Arc Protection to the system. Other than arc protection, both the BAL-025-01 and BAL-025L-01 are functionally equivalent.

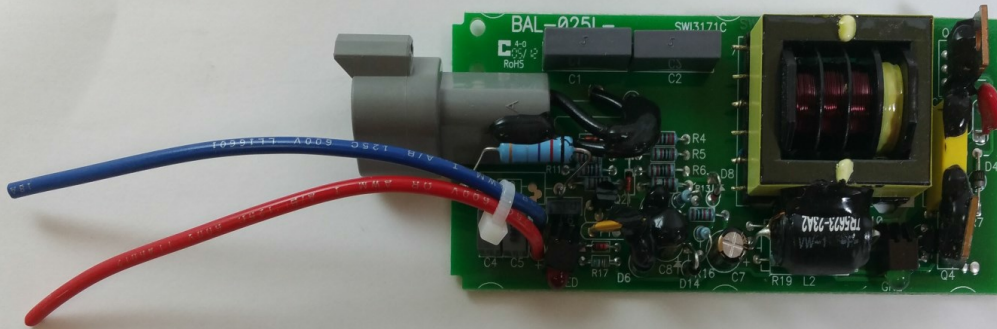
## **Ballast Features:**

- Ballast input voltage 22Vdc—30Vdc (28Vdc nominal)
- Operating temperature: -20 C to 55 C
- Output current: 200mA at 28Vdc
- Maximum current draw: 1.6A
- LED Status indicators
- Over temperature protection
- Transients protection
- Output short circuit
- Internal self resetting safety fuse
- Conforms to UL 935 Type CC and FCC Part 18

Units using the BAL-025L-01 ballast will automatically shut off power to the fluorescent bulb if an arc is detected. To restart the fixture, simply cycle the power off and on and the lamp will restart.

Pictured below are the ballast for reference.

BAL 025L - 01



BAL 025 - 01

