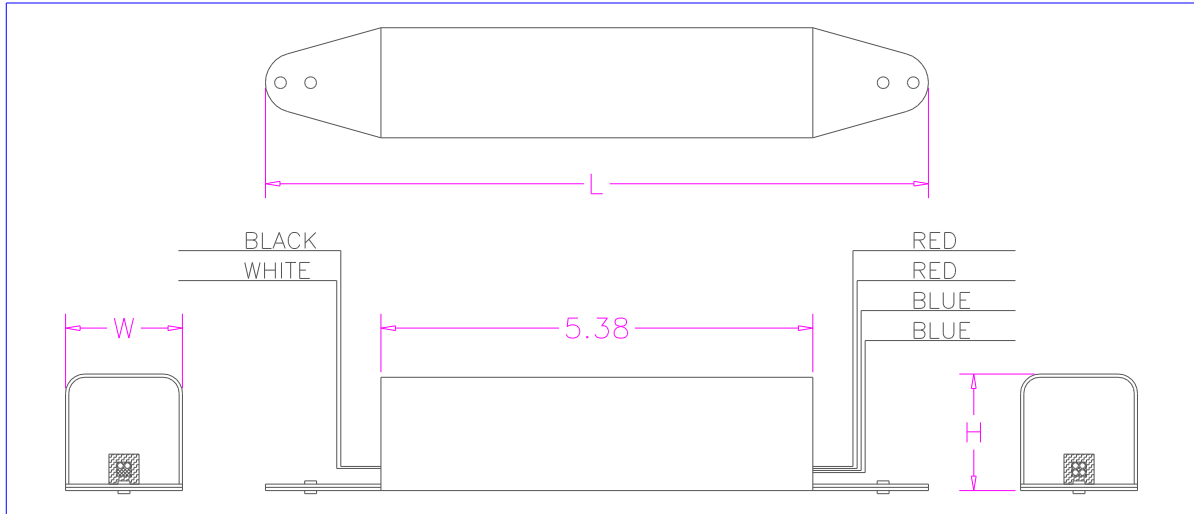


AB24 Compact Electronic Ballast



MODULAR EMERGENCY SYSTEMS
for FLUORESCENT LAMPS
and other DC loads



AB24-xxx Compact Electronic Ballast

Aeon AB24 Compact Electronic Ballasts are part of a complete system (Power and Battery Module, ballasts and/or other DC loads) providing true on-line, continuous full-lumen output for most 4-pin 13W, 18W, and 26W compact and other applicable compact fluorescent lamps. Multiple Modes of Operation are standard, providing maximum flexibility, and optimum use of power.

Lamps operated by **AB Compact Electronic Ballasts** in the Nitelite Mode require no special interface or additional equipment. Lamps operated by **AB24** ballasts using any other Mode must be connected to a Load Controller (**LC24**), and interfaced with a Switch Logic Module (**SLM24**). This is done using a low voltage signal and standard RJ11 4-pin telephone jacks. The **LC24** communicates with the Switch Logic Module to control switching and emergency mode operation of the lamps operated by the **AB** Ballast. All **AB** ballasts ship with an **LC24** as standard equipment.

AB ballasts mount in the fixture (by manufacturer or on job-site), or in a remote location. *InContinuum* emergency systems provide **unprecedented safety, security, and productivity**. *InContinuum* has provided innovative lighting and power solutions since 1984.

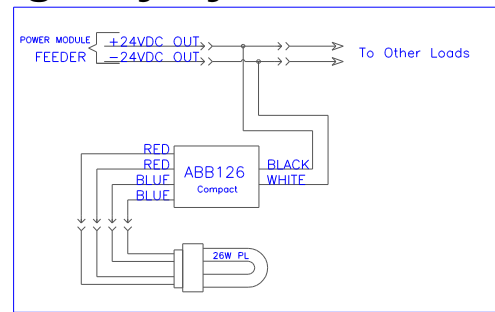
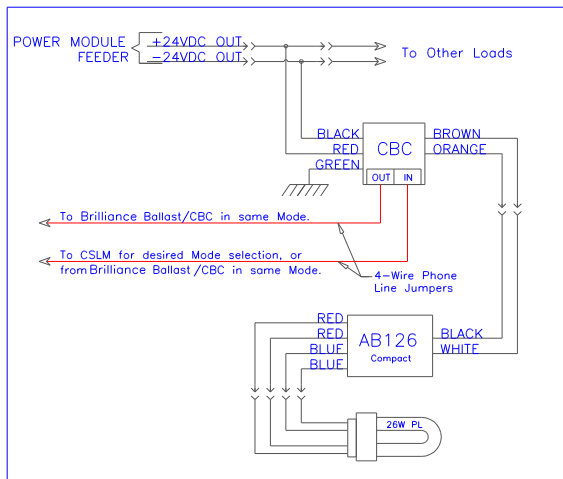
Electrical and Mechanical Specifications

Aeon Compact Ballast	V	Pw	#L	Lamps Operated	Amps	Start, Circuitry Type	Dimensions			
							L	W	H	Wt
AB24113	24	13	1	F13 4-pin PL Lamp	0.6	RS, P	8.25	1.38	1.38	0.63
AB24118	24	18	1	F18 4-pin PL Lamp	0.8	RS, P	8.25	1.38	1.38	0.63
AB24126	24	26	1	F26 4-pin PL Lamp	1.0	RS, P	8.25	1.38	1.38	0.63

LEGEND

- V** Input voltage of module
- Pw** Maximum load of ballast module in watts
- #L** Maximum number of lamps per ballast
- Amps** Maximum Ballast Amperage
- Start, Circuitry Type** (IS) Instant Start, (R) Rapid Start, (S)eries, (P)arallel
- Dimensions** Outside dimensions of the entire module in inches, weight in pounds

InContinuum Modular Emergency System



Standard Nitelite Mode Wiring Diagram

Switched Modes with LC24 Wiring Diagram

AB24 COMPACT ELECTRONIC BALLAST Product Summary

UL LISTED

UNINTERRUPTIBLE ILLUMINATION:

START TYPE:

MODE LOGIC:

SEVEN MODES OF OPERATION:

INPUT VOLTAGE:

CIRCUITRY TYPE:

Warranty:

Class P

Full rated lumens per lamp

Rapid Start

Accompanied by LC24 with integral **ModeLogic**

for interface with SLM24

24-Hour Nitelite Mode (from factory)

Normal Mode

Normal Mode with Override

Standby Mode

Task Lighting Mode

Task Lighting Mode with Override

AC-Equivalent Mode

24VDC

Parallel

3 Years

SAMPLE SPECIFICATION: Emergency lighting units shall be **InContinuum Modular Systems** as Manufactured by **Æon Corporation**, of Oklahoma City, Oklahoma, with maximum 500-watts continuous power output, incorporating solid state high-frequency inverter ballasts and capable of providing full normal lumen light output from any F32T8, T12, F39/40 Biax lamp, or F31 Ulamp; not less than _____ Lumens of light output from any compact fluorescent lamp; not less than _____ Lumens of light output from any F96 Slimline lamp for a minimum of 90 minutes during loss of AC power, to a controlled cut-off at 87 1/2% of 24 volts. The systems shall operate in a continuous on-line mode with zero (0) transfer time at loss of power, and shall contain a solid state voltage-controlled pulse charging system which will restore discharged batteries within four hours or less with lamps off, and 12 hours or less with lamps on. Batteries shall be sealed, pure lead, starved electrolyte (nickel-cadmium batteries not acceptable) with expected life of 8-10 years. Systems shall include logic circuitry if required, allowing interface with the following switch types: remote wireless, occupancy sensor, energy management computers or normal wall switches. Systems shall be fully warranted for three years.