



Electronic ballasts are electronic control devices that use semiconductor electronic components to convert direct current or low-frequency alternating current voltage into high-frequency alternating current voltage, and drive the operation of low-pressure gas discharge lamps (germicidal lamps), halogen tungsten lamps, and other light sources. Their main function is to control the current and voltage of electrical equipment, preventing problems such as overload and short circuit. Under the action of high-frequency current, gas discharge lamps can emit light without producing high-voltage ignition, and there is no flickering sensation in the lighting tube.

ZUM1A Series

- 100–240 VAC 50/60 Hz
- 365 days countdown or 0–9999 hours
- Pre-heat start
- Lamp failure protection
- Audible and visual alarm
- Signal output optional
- UV intensity monitoring



Specifications

ZUM1A Series

Model	Input Voltage	Output Current	Input Power	Lamp Holder Type	Match With Lamp	Start Method
ZUM1A-425-55	100–240 VAC	425 mA	10–55 W	G10Q	UVT5-410 — UVT5-455 GPH212T5L — GPH843T5L	Pre-heat start
ZUM1A-800-120	100–240 VAC	800 mA	33–120 W	G10Q	UVT5-433 UVT5-448 GHO436T5L — GHO893T5L	Pre-heat start
ZUM1A-1200-127	100–240 VAC	1.2 A	42–127 W	G10Q	GPHA357T5L — GPHA1000T5L	Pre-heat start