



DATA SHEET

ZG 30 HG

HR self stopping ignitor for MH and Hg lamps

Features

- Revolutionary system needs no external power source, self synchronisation with ballast
- Suitable for lamps with operating voltages up to 250V AC or DC
- Nominal current of up to 30 A with natural convection
- Self dynamical timing operation
- Extremely low noise operation @ rectangular waveforms
- Compliant to RoHS-directive 2002/95/EC
- DC and rectangular input voltage of up to 400Vrms
- Terminals for M3 screws and cable shoes

Please read this information carefully,
before installing and operating the power supply!

ZG 30 HG

TECHNICAL DATA

Rated current	30 A, no additional cooling
Temporary over current <90s within a period of 5 minutes	50 A
Ignition voltage	Min 40 kVpp
Input voltage range	DC /Rectangel: 0-400Vrms / threshold for ignition > 150V AC sine: 230V – 277Vrms
Operation mode	Symmetrical ignition voltage at both electrodes
Ignition mode control	Self dynamical timing ignitor 200ms to 1 sec. self sourcing by ballast, no external source necessary
Pulse rate	Approximately 200/sec.@200Vdvc
Repetition rate	depends on ballast, break of 2 sec. is required @ 200V lamps, immediate restart @ 100V lamps no automatic repetition, new sequence by voltage shut off
Operating temperature	At the middle of potting surface : 95°C max.
Cable length to lamp	HV to lamp 50 cm max., for hot re-ignition: as short as possible
Dimensions (H x W x L)	92 x 85 x 26 mm
Weight	Roughly 340g
Connectors	4 x M3 Screw-Terminals for cable-shoes
RoHS	According to 2002/95/EC

Technical modifications and errors excepted.

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