

Made in
Germany

DATA SHEET

ZG 60 Hg

HR self stopping ignitor for MH and Hg lamps

Features

- For AC, DC-Hg and Xenon discharge lamps
- Suitable for lamps with operating voltages up to 250 V AC or DC
- Nominal Current of up to 60 A
- Threshold Voltage of about 185 V
- Symmetrical ignition Voltage 60 KVpp
- Compliant to RoHS-directive 2011/65/EC
- Self dynamical timing operation
- Extremely low noise operation @ rectangle waveforms
- Suitable for lamps with operating voltages up to 250 V AC
- Nominal current of up to 60 A with natural convection
- Self dynamical timing operation
- Extremely low noise operation @ rectangular waveforms
- Single Phase operation of 230 Vrms - 40 Hz - 440/Hz
- DC and rectangular input voltage of up to 400 Vrms
- Terminals for M6 screws and cable shoes

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

ZG 60 Hg

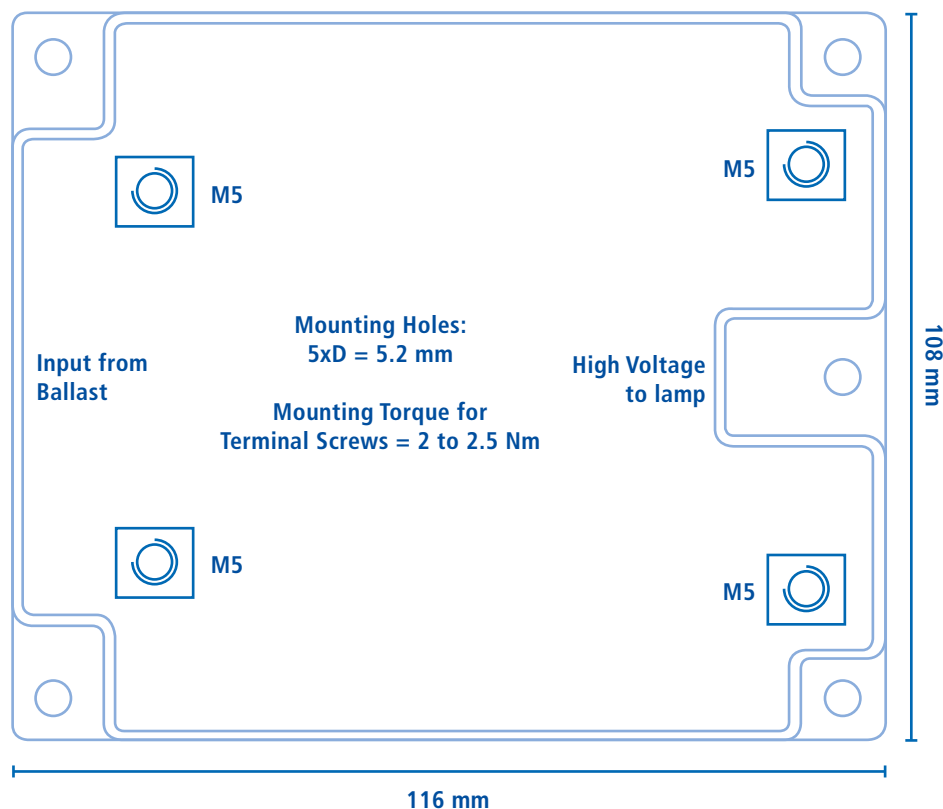
TECHNICAL DATA

Rated current	60A, no additional cooling
Temporary over current < 90 s within a period of 5 minutes	100 A
Ignition voltage	min. 56 kVpp, max. 65 kVpp, rated 60 kVpp
Input voltage range	DC/Rectangular.: 0-400 Vrms Threshold for ignition > 180 VAC Sine; or 240V DC or rectangle
Operation mode	Symmetrical : Ignition Voltage at both electrodes
Ignition mode control	Self dynamical timing ignitor 200 ms to 1 sec. self sourcing by ballast, no external source necessary
Pulse rate	Approximately 200/sec. @ 250 Vdvc
Repetition rate	Depends on ballast, break of 2 sec. is required for 200 V lamps, immediate restart for 100 V lamps. No automatic repetition, new sequence by voltage shut off
Operating temperature	At the middle of potting surface : 100°C max.
Cable length	HV to lamp 50 cm max., for hot re-ignition: as short as possible
Dimensions (L x W x H)	30 x 108 x 116 mm
Weight	Roughly 650 g
Connectors	4 x M5 Screw-Terminals for cable-shoes

REGULATORY SPECIFICATIONS

Safety	According to IEC (UL) 60950-1
RoHS	According to 2011/65/EG

For detailed information please contact ralf@rotec-gmbh.com or info@rotec-gmbh.com



Technical modifications and errors excepted.