

DATA SHEET



Made in
Germany

ZG 60 XE

Igniter for low voltage DC-Lamps with Lamp-Current up to 60 A

Features

Revolutionary drive system: needs no external power source, self synchronisation with ballast

- Igniter for DC-Xenon and Hg discharge lamps operated by electronic ballasts
- Suitable for low voltage and high current DC lamps with lamp voltages up to 100 V DC
- Nominal current of up to 60 A with natural convection
- Maximal current of 80 A with additional airflow
- Compliant to RoHS-directive 2002/95/EC
- Self stopping operation (2sec)
- DC-Impedance of about 1700 $\mu\Omega$
- DC-Powerloss of about 6,2 W @ 60 Amps, 10,8 W @ 80 Amps

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

ZG 60 XE

TECHNICAL DATA

Rated current	60A, no add cooling
Temporary over current < 3 min. within a period of 6 min.	100 A
Ignition voltage	Higher than 32 kVp (40 KV nominal)
Input voltage range	DC 0-160 V / threshold for ignition > 70 V
Operation mode	Asymmetrical: cathode or anode grounding
Ignition mode control	Self stopping igniter nearly 2 sec./self sourcing by ballast, no external source necessary
Pulse rate	Approximately 30/sec. @ 70 V
Repetition rate	Depend on ballast, break of min. 10 sec. is required
Operating temperature	115°C max. @ Ignitioncoil TP 1 / 85°C @ TP 2
Cable length	HV to lamp 50 cm max., for hot re-ignition: short as possible
Dimensions (L x W x H)	115 x 103 x 30/45 mm
Weight	Roughly 720 g
Connectors	4 x M6 screw-terminals with nuts M6 for cable-shoes

REGULATORY SPECIFICATIONS

Safety	According to IEC (UL) 60950-1
RoHS	According to 2002/95/EC

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

Technical modifications and errors excepted.