

SSI 14-40 (ZG 1202EB)

Self Stopping Igniter



Please read this information carefully before installing and operating the igniter!

Features :

Igniter for metal halide discharge lamps operated by electronic ballasts

Suitable for discharge lamps with lamp voltage less than 300V DC or square wave AC or 240VAC and lamp currents not exceeding 20A

Maximum current of 14A, temporary over current of 20A <90s without cooling

Maximum current of 16 to 20A, temporary over current of 20A <90s with cooling depending on ambient temperature

UL approved, RoHS conform

Technical data

Maximum current	14 A without cooling 16 A to 20A with forced air cooling depending on ambient temperature
Temporary over current <90s within a period of 5 minutes	20 A
Ignition voltage:	± 28kVmax
Input voltage range	Square Wave AC or DC 0-300 V / sine wave 0-240VAC / threshold for ignition > 150V
Operation mode	Symmetrical
Ignition mode control	Self stopping igniter ca. 2 sec.
Pulse rate	about 100/sec.
Repetition rate	depends on ballast
Case temperature	73°C max when operating with forced air flow at test point with currents >13A and <16A at an ambient air temperature not exceeding 65°C and 45°C max when operating with forced air cooling at test point with currents >16A and <20A at an ambient air temperature not exceeding 35°C 85°C max when operating without forced airflow and current not exceeding 13A
Cable length	HV to lamp 30 cm max. for hot re-ignition (50 cm cold) LV from ballast, limitation according to ballast spec.
Dimensions (H x W x L)	27 x 68 x 83 mm
Weight:	g
Connectors	4 x M3-Schraubanschluß / screw terminal

Input and output terminals are electrically connected (plus from ballast to plus to lamp and minus from ballast to minus to lamp). The ignition pulses are superimposed on input voltage.

Regulatory Specifications

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