

Automotive ESD Generator 12 kV

The PESD-12K-EQ-IC09 generator is designed for testing the immunity of automotive equipment to disturbances caused by high voltage ignition systems, according to the Renault 36-00-808 /--M product specification.



SPECIFICATIONS

Type	PESD-12K-EQ-IC09
Standard	Renault 36-00-808 /--M , paragraph EQ/IC 09
Generator type	direct discharge with external spark gap
Output waveform	double exponential
Output voltage	1 – 12 kV, positive and negative polarities
Pulse rise time (10 - 90 %)	< 12 ns
Pulse duration (50 - 50 %)	≥ 5 us
Charging time	≥ 5 ms
Charging voltage reproducibility	± 5 %
Cable length	2.55 m
Spark gap	adjustable from 0.5 to 5 mm
Cable connector	Lemo
Load resistance	15 kΩ
Power rating	210 - 250 Vac / 50 - 60 Hz / 100 W
Remote control interface	RS232 and USB
Electrical safety	complies with EN61010-1. Safety circuit loop 24 Vdc / 500 mAmax
Storage / operation temperature	5 – 50 °C / 10 – 45 °C
Dimensions	61 x 45 x 20 cm (L x W x H)
Weight	about 8 kg

Ordering information

TYPE	DESCRIPTION
PESD-12K-EQ-IC09	ESD pulse generator according to Renault 36-00-808 /--M, para. EQ/IC 09