

DATA SHEET

TRK2-30UVD

Description: **TR.K2 120V 50/60Hz 0,51A 2x12kV 30mA 33% V D**


GENERAL CHARACTERISTICS

The ignition transformer is CE marked, It undergo to the European low voltage directives 2014/35/EU and in particular the directives EN61558-2-3:2011-04 and EN60730-2-5:2002; it is made in compliance with the electromagnetic compliance 2014/30/EU and the directive EN61000-3-2:2006/A2:2009 and EN61000-3-3:2008. By using the advised accessories the transformer is compliant with the prescription of the generic standard EN 55014-1:2006/A1:2009 and EN55014-2:1997/A2:2008. Every single transformer, at the end of its production cycle, is tested as reported on the table below.

The ignition transformer shall be used with a control unit.

An high voltage symbol with yellow color filling has to be applied outside of the device where the transformer is mounted.

RATED DATA

Primary Supply Voltage E [V]	120 V
Frequency [Hz]	50/60 Hz
Power [W]	60 W
Maximum Current [A]	0,510 A
Secondary Peak Voltage at open circuit [kV] $\pm 10\%$	2x12 kV
Secondary Current in short circuit RMS [mA]	30 mA
Minimum secondary current RMS [mA]	20 mA
Duty Cycle	33% su 3'
Run Time [ms]	
Approvals	 us UL file E213947
Operating Ambient Temperature [°C]	+60/-20 °C

MECHANICAL DATA

External enclosure	Epoxy thermosetting resin
High Voltage output	Vertical
High Voltage connections	Plug Ø 4mm
Storage Temperature [°C]	-20/+85 °C
Weight [kg.]	0,334 Kg
Packaging	20 pcs box
IP code	IP 00

PRIMARY CONNECTIONS

Low Voltage connection	Plug D
Input	Faston 6,3x0,8

DIMENSIONS

