

DATA SHEET

TRK1-20PCUVD

Description: **TR. K1 120V 50/60Hz 0,3A 1 x15kV20mA 100% 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.

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]	30 W
Maximum Current [A]	0,35 A
Secondary Peak Voltage at open circuit [kV] $\pm 10\%$	1x15 kV
Secondary Current in short circuit RMS [mA]	20 mA
Minimum secondary current RMS [mA]	12 mA
Duty Cycle	100%
Run Time [ms]	10 on, 10 off ms
Approvals	
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

