R.K. Instruments & Controls

FLOW & FLAME CONTROL | Office No. 12, 1st Floor, Dhamanwala Service Complex, G.I.D.C., Pandesara, Surat - 394221, Gujarat, India
Phone: +91 9824136145 Email: rkic1976@gmail.com Web: www.rkic.in

TECHNICAL DATASHEET

Brahma Ignition Transformer TCD1FA

Brand: Brahma | Code/Part No.: 15930020 | Category: IGNITION TRANSFORMERS

Specifications

Type	**TCD1FA**
Product Code	**15930020**
Primary	**230V, 31VA, 50/60Hz**
Secondary	**1 x 17kV Ampl. – 37mA**
Duty Cycle	**AB 33% ED in 3 min, T60F**
Output Points	**Single-Point (fast-on supply connector)**
Operating Temperature	**–20°C to +60°C**
Weight	**250g approx.**
Compliance	**RoHS Compliant, CE Marked, IMQ Approved**



Description

The Brahma TCD1FA is a compact, single-pole electronic ignition transformer that steps up a 230V mains supply to a 17kV high-voltage secondary output (6kV rated/37mA) for firing the spark electrode on gas forced-draught and oil burners. Built around a high-frequency oscillator and ferrite-core transformer with a built-in EMC filter, it runs a 33% duty cycle (3-minute cycle, T60F) and is supplied with a fast-on power connector. Manufactured by Brahma, Italy, it is RoHS compliant, CE marked and IMQ-approved to EN 61558-1/EN 61558-2-3 for industrial burner and boiler ignition applications.

Typical media compatibility: CNG, PNG, LPG, Air, Nitrogen — confirm against application before installation.