R.K. Instruments & Controls

TECHNICAL DATASHEET

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Brahma Ignition Transformer T11/M

Brand: Brahma | Code/Part No.: 15093051 | Category: IGNITION TRANSFORMERS

Specifications

Type	**T11/M**
Product Code	**15093051**
Primary	**220-230V, 1.1A, 50Hz**
Secondary Voltage	**1 x 9000V Amplitude**
Output RMS Current	**20 mA**
Duty Cycle	**33% ED (3 min. cycle)**
Thermal Marking	**T35E**
Poles	**1 (single output)**
Consumption	**~240 VA**
Operating Temperature	**-10°C to 35°C**
Max Weight	**2 kg**
Mounting	**/M variant (standard M-fixing mounting)**
Compliance	**CE Marked**



Description

The Brahma T11/M is an induction ignition transformer for gas and oil burners, stepping up a 220-230V, 1.1A, 50Hz primary supply to a 9kV amplitude secondary voltage at 20mA RMS output current for firing a single ignition electrode. It has a 33% duty cycle over a 3-minute cycle (intermittent-spark duty, not for continuous operation, unlike the 100%-ED T13/T17 series), and operates within -10°C to 35°C ambient. The "/M" suffix denotes the standard M-fixing mounting variant of the base T11 transformer. Manufactured by Brahma, Italy and CE marked, it weighs under 2kg and is sized to a compact 98x98x80mm footprint for burner ignition duty.

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