R.K. Instruments & Controls

TECHNICAL DATASHEET

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Honeywell Ignition Transformer ET 401A1 (110-120V AC)

Brand: Honeywell Technologies | Code/Part No.: ET 401A1 | Category: IGNITION TRANSFORMERS

Specifications

Type	**ET 401A1**
Primary	**110–120V, 0.3A, 50/60 Hz**
Secondary	**14kV Ampl., 30mA rms**
Duty Cycle	**AB 33%, ED in 3 Min.**
Protection	**IP40**
Wiring	**Blue-N, Brown-L, Green&Yellow-E (flying leads)**
Approvals	**UL, cUL Listed**
Origin	**Made in China**
Manufacturer	**Honeywell**



Description

The Honeywell ET 401A1 is an ignition transformer that steps up a 110–120V mains supply to a 14kV high-voltage secondary output rated at 30mA rms, for firing the spark electrode on gas and oil burners. Rated for an intermittent duty cycle of 33% ED (energised duration) within a 3-minute cycle, with IP40 protection, it delivers reliable high-voltage ignition for burner and boiler applications. UL/cUL listed, it terminates in flying leads (Blue-N, Brown-L, Green&Yellow-E) for direct wiring into the burner control circuit. Manufactured by Honeywell.

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