R.K. Instruments & Controls

TECHNICAL DATASHEET

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Danfoss EBI4 C1P Ignition Transformer

Brand: Danfoss | Code/Part No.: 052F4036 | Category: IGNITION TRANSFORMERS

Specifications

Type	**EBI4 C1P**
Product Code	**052F4036**
Series	**EBI4 C (Continuous Duty)**
Configuration	**1-Pole, Electrode-to-Frame**
Primary	**230V AC, 0.25A, 50-60Hz, 60VA**
Secondary	**12kV, 30mA (Ampl.)**
Duty Cycle	**100% ED**
Thermal Class	**T35**
Application	**Oil and gas burner ignition (continuous-cycle duty)**
Compliance	**CE Marking**



Description

A single-pole ignition transformer from the Danfoss EBI4 series, built for continuous-duty burner ignition (100% ED, thermal class T35). It steps up a 230V, 50-60Hz, 60VA primary supply to a single 12kV secondary output at 30mA (Ampl.), sparking between one electrode and the burner frame/earth. Manufactured by Danfoss in Nordborg, Denmark, suited to oil and gas burners needing sustained sparking rather than short intermittent bursts.

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