R.K. Instruments & Controls

TECHNICAL DATASHEET

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Danfoss EBI4 M S Ignition Transformer

Brand: Danfoss | Code/Part No.: 052F4045 | Category: IGNITION TRANSFORMERS

Specifications

Type	**EBI4 M S**
Product Code	**052F4045**
Series	**EBI4 (Intermittent Duty)**
Configuration	**2-Pole**
Primary	**230V AC, 0.4A, 50-60Hz, 90VA**
Secondary	**2 x 7.5kV, 48mA (Ampl.)**
Duty Cycle	**33% ED in 3 min**
Application	**Gas burner ignition (intermittent-cycle duty)**
Compliance	**CE Marking**



Description

A 2-pole ignition transformer from the Danfoss EBI4 series, rated for intermittent-duty burner ignition (33% ED in 3 minutes). It steps up a 230V, 50-60Hz, 90VA primary supply to two 7.5kV secondary outputs at 48mA (Ampl.), a higher-output variant of the EBI4 series for applications needing a stronger spark than the standard EBI4 1P/CM models. Manufactured by Danfoss in Nordborg, Denmark.

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