



DATA SHEET

TRK2-40SHK

Description: **TR.K2 220-240V 50/60Hz 0,3A 15kV 40mA 33% HK SOLL.**

IGNITION TRANSFORMERS FOR GAS AND OIL BURNERS

The ignition transformer is produced in conformity with the European Standard EN61558-2-3:2025-04 and in compliance with the Directive 2014/35/EU. It is compliant with the following Directives and Regulations: 2014/30/EU (EMC), in conformity with EN55014-2:2021-11; 2015/863/EU (RoHS III) and 2006/1907/EU (REACH). Each transformer is CE marked.

The conformity to EN 55014-1:2021-11 (EMC), must be tested on the application where the transformer is applied.

The production is made in an ISO9001:2015 DNV certified plant and controlled by the monitoring procedure according to Regulation (EU) 2014/35 Annex III Module A. Every single transformer, at the end of its production cycle, is tested. The ignition transformer must be used with a control unit and installed in airy location.

A high voltage symbol with yellow color filling must be applied near the device.

RATED DATA

Primary Supply Voltage E [V]	230 V
Frequency [Hz]	50/60 Hz
Power [W]	65 W
Maximum Current [A]	0,315 A
Secondary Peak Voltage at open circuit [kV] $\pm 10\%$	15 kV
Secondary Current in short circuit RMS [mA]	40 mA
Minimum secondary current RMS [mA]	24 mA
Duty Cycle	33% su 3'
Run Time [ms]	
Approvals	CE
Operating Ambient Temperature [°C]	+60/-20 °C

MECHANICAL DATA

External enclosure	Epoxy thermosetting resin
High Voltage output	Horizontal
High Voltage connections	Plug Ø 4mm
Storage Temperature [°C]	-20/+85 °C
Weight [kg.]	0,334 Kg
Packaging	20 pcs box
Ambient Temperature - Protection	Ta 35°C/B - IP00

PRIMARY CONNECTIONS

Low Voltage connection	Plug K
Input	Faston 2,8

DIMENSIONS

