



DATA SHEET

TRW2P4M

Description: **TRW2 220-240V 50/60Hz 0,040A 1x15kV 20mJ**

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]	220-240 V
Frequency [Hz]	50/60 Hz
Power [W]	4 W
Maximum Current [A]	0,040 A
Secondary Peak Voltage at open circuit [kV] $\pm 10\%$	1x15 kV
Secondary Current in short circuit RMS [mA]	10 mA
Minimum secondary current RMS [mA]	E=20 mJ
Duty Cycle	ED100% @ 60°C
Run Time [ms]	
Approvals	CE
Operating Ambient Temperature [°C]	Max 90°C @ ED33% on 3'

MECHANICAL DATA

External enclosure	Epoxy thermosetting resin
High Voltage output	Vertical
High Voltage connections	
Storage Temperature [°C]	-20/+85 °C
Weight [kg.]	0,125 Kg
Packaging	32 pcs box
Ambient Temperature - Protection	Ta 35°C/B - IP00

PRIMARY CONNECTIONS

Low Voltage connection	Plug A
Input	Plug A

DIMENSIONS

