



DATA SHEET

TRE820PISO

Description: **TR.E 230V 50/60Hz 1/0,8A 1x8kV 20mA 19% C.440VIRAS**

GENERAL CHARACTERISTICS

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.

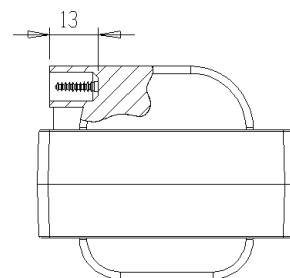
An high voltage symbol with yellow color filling must be applied near the device.

RATED DATA

Primary Supply Voltage E [V]	230 V
Frequency [Hz]	50/60 Hz
Primary Current [A]	1/0,8 A
Apparent Power [VA]	230/184 VA
Secondary Voltage at open circuit RMS [kV] $\pm 10\%$	1x8 kV
Secondary Peak Voltage at open circuit [kV]	11,31 kV
Secondary Current in short circuit RMS [mA] $\pm 10\%$	20 mA
Duty Cycle	19% on 3'
Approvals	CE 

MECHANICAL DATA

External enclosure	Epoxy thermosetting resin
High Voltage output	VIRAS
High Voltage connections	Screws
Ambient Temperature - Protection	Ta 35°C/B - IP00
Packaging	10 pcs box
Weight [kg]	1,306 Kg

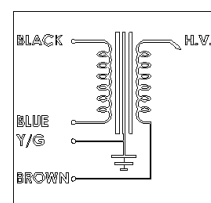
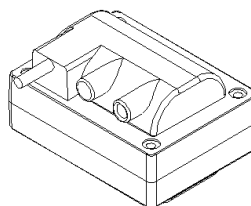
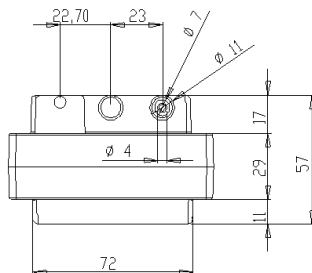
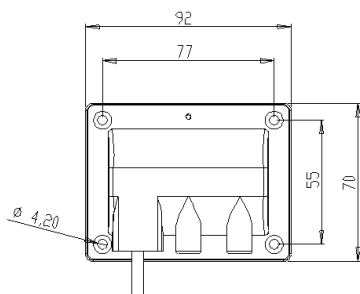


VIRAS

PRIMARY CONNECTIONS

Low Voltage connection	Cable
Actual cable L. [mm]	Description SIL 4x0,50 4 END SPLICES TERMINALS

DIMENSIONS



Note WHEN USED AS IGNITER BROWN WIRE MUST BE GROUNDED

Date **13/04/2026**

Certified by

Paolo Comin