



DATA SHEET

TRE820/1

Description: **TR.E 240V 50Hz 1A 2x4kV 20mA 19% C.440 SP**

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.

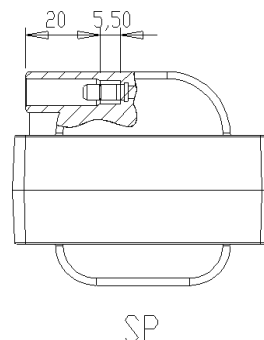
An high voltage symbol with yellow color filling must be applied near the device.

RATED DATA

Primary Supply Voltage E [V]	240 V
Frequency [Hz]	50 Hz
Primary Current [A]	1 A
Apparent Power [VA]	240 VA
Secondary Voltage at open circuit RMS [kV] $\pm 10\%$	2x4 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

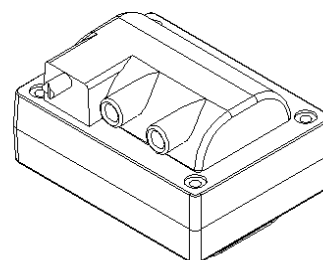
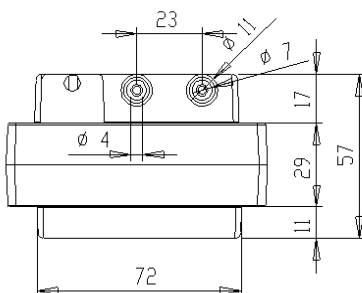
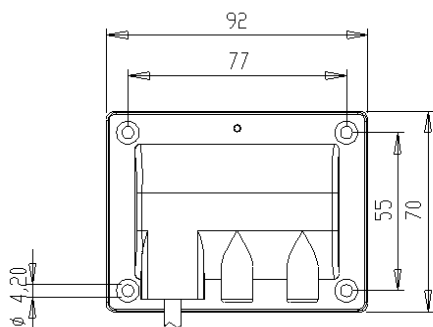
External enclosure	Epoxy thermosetting resin
High Voltage output	SP
High Voltage connections	Plug Ø4
Ambient Temperature - Protection	Ta 35°C/B - IP00
Packaging	10 pcs box
Weight [kg]	1,306 Kg



PRIMARY CONNECTIONS

Low Voltage connection	Cable
Actual cable L. [mm]	Description SIL 3x0,50 3 END SPLICES TERMINALS

DIMENSIONS



Note

Date **23/04/2026**

Paolo Comin