



DATA SHEET

TRL12-30C

Description: **TR.L 12V DC 8A 2x7,5kV 30mA 100% V D**

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]	12V
Frequency [Hz]	DC
Power [W]	80 W
Maximum Current [A]	8 A
Secondary Peak Voltage at open circuit [kV] $\pm 10\%$	2x7,5 kV
Secondary Current in short circuit RMS [mA]	30 mA
Minimum secondary current RMS [mA]	22 mA
Duty Cycle	100%
Run Time [ms]	
Approvals	CE
Operating Ambient Temperature [°C]	+60/-20 °C

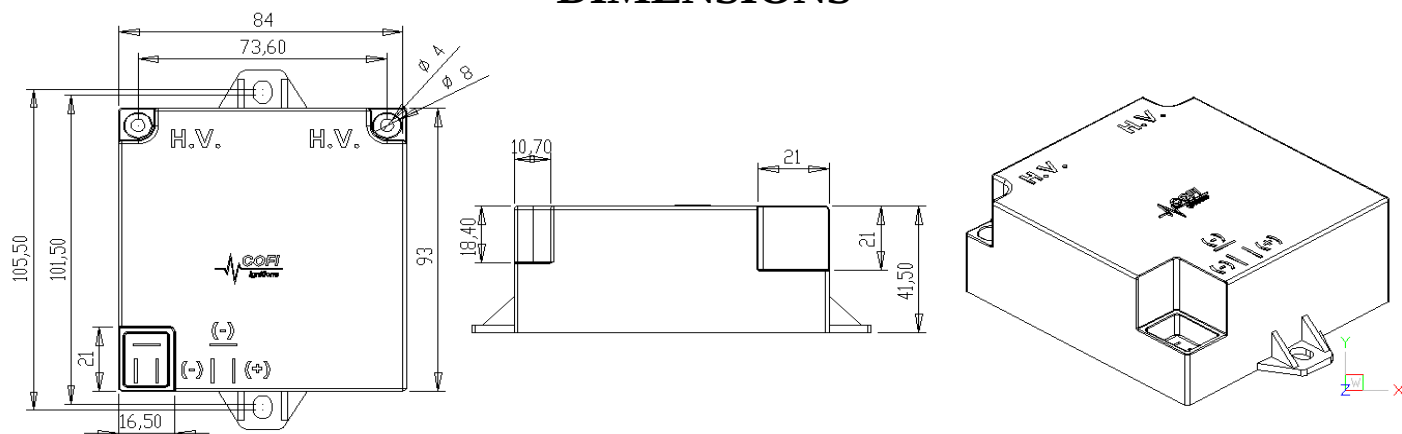
MECHANICAL DATA

External enclosure	Epoxy thermosetting resin
High Voltage output	Vertical
High Voltage connections	Plug Ø 4mm
Storage Temperature [°C]	-20/+85 °C
Weight [kg.]	0,515 Kg
Packaging	
Ambient Temperature - Protection	Ta 35°C/B - IP00

PRIMARY CONNECTIONS

Low Voltage connection	Plug D
Input	Faston 6,3x0,8

DIMENSIONS



Date **23/04/2026**

v. **1.0**

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