

# DATA SHEET

## TRS818PC

Description: **TR.S 230V 50Hz 0,9A 1x8kV 18mA 100% C.440 VIRAS**

### 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.

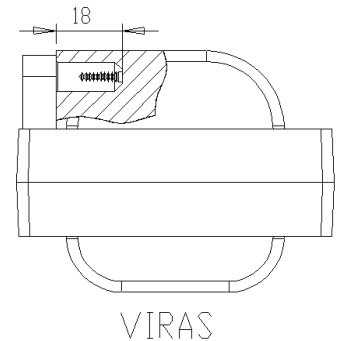
An high voltage symbol with yellow color filling must be applied near the device.

### RATED DATA

Primary Supply Voltage E [V]	<b>230 V</b>
Frequency [Hz]	<b>50 Hz</b>
Primary Current [A]	<b>0,9 A</b>
Apparent Power [VA]	<b>207 VA</b>
Secondary Voltage at open circuit RMS [kV] ±10%	<b>1x8 kV</b>
Secondary Peak Voltage at open circuit [kV]	<b>11,31 kV</b>
Secondary Current in short circuit RMS [mA] ±10%	<b>18 mA</b>
Duty Cycle	<b>100%</b>
Approvals	<b>CE</b>

### MECHANICAL DATA

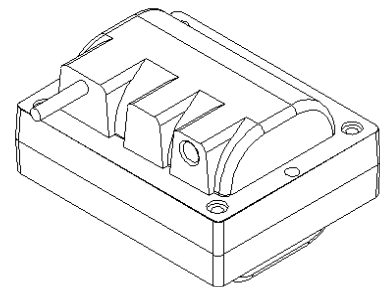
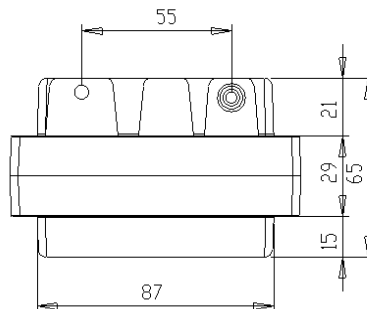
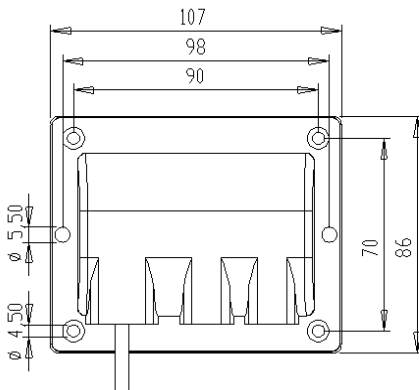
External enclosure	<b>Epoxy thermosetting resin</b>
High Voltage output	<b>VIRAS</b>
High Voltage connections	<b>Screws</b>
Ambient Temperature - Protection	<b>Ta 35°C/B - IP00</b>
Packaging	<b>10 pcs box</b>
Weight [kg]	<b>1,944 Kg</b>



### PRIMARY CONNECTIONS

Low Voltage connection	<b>Cable</b>		
Actual cable L. [mm]	<b>380 mm</b>	Description	<b>SIL 3x0,50 3 END SPLICES TERMINALS</b>

### DIMENSIONS



Note

Date **11/11/2025**

**Paolo Comin**