



DATA SHEET

TRG823PC

Description: TR.G823PC 230V 50HZ C.440 VIMAN

GENERAL CHARACTERISTICS

The ignition transformer is CE marked, it is made in compliance with the European product standard EN 61588/2/3. It undergo to the European low voltage directives 73/23/CEE and electromagnetic compliance 89/336/CEE. By using the advised accessories the transformer is compliant with the prescription of the generic standard EN 50081-1 and in particular with the electronic home device standard EN 55014-1/A2.

Every single transformer, at the end of its production cycle, is tested as reported on the table below.

An high voltage symbol with yellow color filling has to be applied outside of the device where the transformer is mounted.

RATED DATA

Primary Supply Voltage E [V]	230
Frequency [Hz]	50
Primary Current [A]	1
Apparent Power [VA]	230
Secondary Voltage at open circuit RMS [kV] $\pm 10\%$	1x8
Secondary Peak Voltage at open circuit [kV]	11
Secondary Current in short circuit RMS [mA] $\pm 10\%$	20
Duty Cycle	25%
Temperature data:	
Temperature Class:	B
Operating Ambient Temperature (ta): [°C]	35
Approvals:	CE

MECHANICAL DATA

Drawing File: G_c_viman	
External enclosure: epoxy thermosetting resin	
H.V. connections : screws.	
H.V. output cables mounted:	NONE
Cable assembly:	NONE
Bracket:	2x 40x40mm
Packaging: 8 pcs. box	Transformer weight [kg.]: 2,8

PRIMARY CONNECTION

Primary connection type: Molded cable	
Description: 3x0.50 silicone cable	Finishing:
Lenght X [mm]: 380	End terminals:

FINAL TESTS

Primary Coil Resistance	
Secondary Coil Resistance	
Ground continuity	Rmax 0,1 ohm ; I min 10 A
Dielectric Strength	2E+1000 V
Insulation	a 500 V R>20 Mohm
Armature Test	1,5E 100Hz Imax=0,2 x I nom
Open Circuit Test	magnetization Io Secondary Voltage in kV
Short Circuit Test	I primary rated in A I secondary rated in mA

TECHNICAL OFFICE

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MODIFIED BY:

MODIFIES: