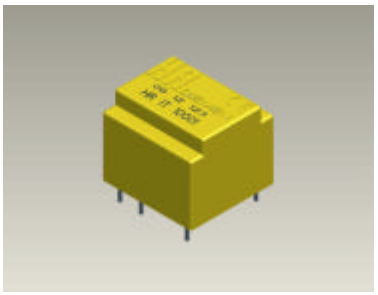
HR-IT10001/IT10002/IT10003/IT10004

Ignition transformer series IT10XXX



Transformers for ignition circuits, work via provided input voltaje (200Vdc - 250Vdc) allows to gives the voltaje output betwen (14KVpp-20KVpp) in secondary winding, to start up the ignition system of gas, oil or air.
High releability due to our encapsulated in epoxy resin 94V-0 support humidity and agresive ambient conditions.

Aplications : Gas igniter, Oil Igniter, Air cleaner, Electronic ozonizer.

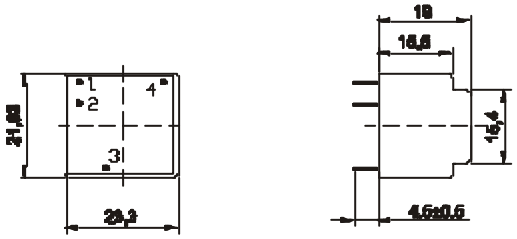
Safety : The manufacturer of the finished product must assure the protection for the risc of accidental touch of the transformer..

- **Printed circuit board mounting**
- **Self-extinguishing body plastic UL94V-0**
- **Reduced dimensions**
- **Developped for continous mode operation**
- **Lead free conne ction pins**

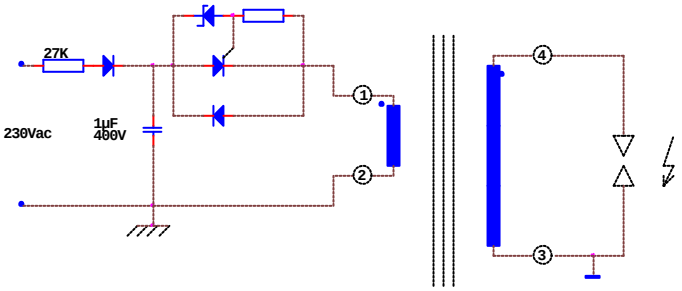
Technical specifications

Especifications	**IT10001**	**/ IT10002**	**/ IT10003**	**/ IT10004**
Primary Inductance	**12 µH**	**/ 12 µH**	**/ 6 µH**	**/ 6 µH**
Primary Resistance	**56 m**W	**/ 56 m**W	**/ 26 m**W	**/ 26 m**W
Turns ratio P / S	**1 : 175**	**/ 1 : 150**	**/ 1 : 200**	**/ 1 : 256**
Secondary Inductance	**320 mH**	**/ 225 mH**	**/ 235 mH**	**/ 370 mH**
Secondary Resistance	**830** W	**/ 595** W	**/ 530** W	**/ 795** W
Spark Gap	**4 – 8 mm**	**/ 4 – 8 mm**	**/ 4 – 8 mm**	**/ 4 – 8 mm**
Spark Frequency	**5,5 Hz**	**/ 5,5 Hz**	**/ 5,5 Hz**	**/ 5,5 Hz**
Working conditions – Ambient Temperature from –20ºC to +70ºC				
Dimensions	**(23,3x21,83x19) mm**			
Weight	**19 gr.**			

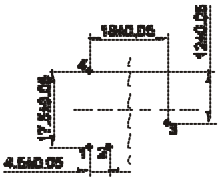
Dimensions and Aplication circuit



Printed circuit board drawing



Aplication circuit



- Input voltage: 280Vdc – 320Vdc
- Control circuit:: Discrete or I.C. FLC 10.
- Spark Gap: 4 – 8mm
- Non load operation is not allowed.
- Assembling or working position not critical

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