

# CRITCHLEY 8003

ISSUE C - 21/03/03

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A compact encapsulated line isolating transformer BSi certified. Tested and approved in accordance with the requirements of EN41003: 1997, EN60950: 1992 (IEC950), EN60065: 1994 and AS/NZS 3260:1993 (BSi Certificate Nos. 7082 and 7456).

## ELECTRICAL SPECIFICATION

DC Resistance:

Primary 497Ω ± 10%  
Secondary 211Ω ± 10%

Series O/C Inductance:  
measured @ 250mV

200Hz >20.0H  
2000Hz >5.5H  
4000Hz >3.0H

Series O/C AC Resistance:  
measured @ 250mV

200Hz >14.0KΩ  
2000Hz >78.0KΩ  
4000Hz >130.0KΩ

Leakage Inductance:  
200Hz - 4000Hz

170mH max.

Primary input impedance:  
200Hz - 4000Hz

> 31KΩ

Max. DC current

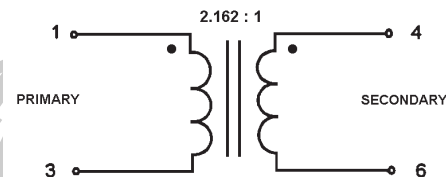
0mA

## ENVIRONMENTAL & SAFETY SPECIFICATION

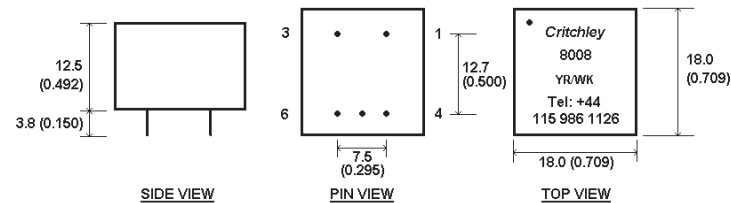
Voltage Breakdown: Tested according to EN60950 part 5.3.2. (test voltage: 3000 Volts).

Storage temperature: Tested to IEC 68-2-14:1984 test procedure Nb. (temperature range -25°C to +85°C).

## CIRCUIT SCHEMATIC



## MECHANICAL SPECIFICATION



dimensions in mm (inches) tolerance ± 0.25

pins 0.60 (0.024) dia

