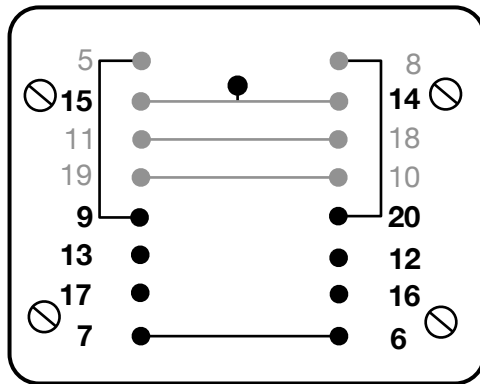
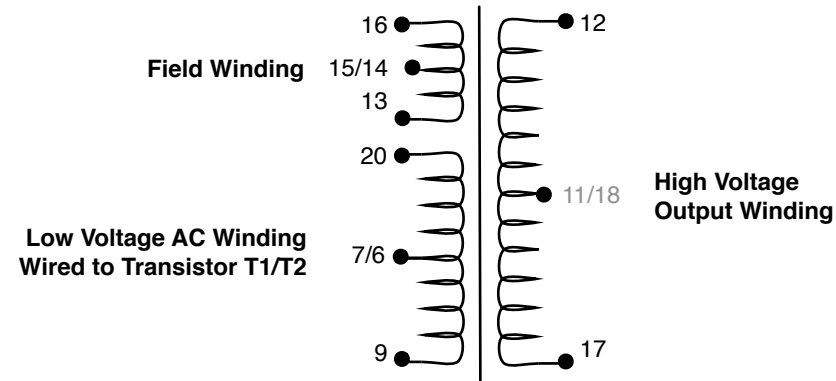


**Magneti Marelli Dinoplex AEC101 Transformer**  
 V 1.0 info@dinoplex.org 2/2009, www.dinoplex.org

**Transformer Terminals**



**Transformer Windings and Terminals**



**Primary/Secondary Winding LCR\* Measurements**

Terminals	Inductivity	Resistance
13-15/14	140 uH	3.25Ω
16-15/14	140 uH	3.25Ω
13-16	670 uH	15Ω
9-20	3.5 mH	60Ω
9/7-6	680 uH	15Ω
20/7-6	680 uH	15Ω
12-17	890 mH	28kΩ

\*Measurements were done using an LCR Meter at 1KHz. A variance in measurement results of +-10-20% is normal, results which are more than 20% off usually indicate a broken transformer.

**Field Winding (Input: 13-16)**

16-15/14, 13-15/14: -8V to +8V, ~280 Hz, square wave

**Low Voltage AC Input (Input: 20-9)**

20-7/6, 9-7/6 : -16V to +16V, ~280 Hz, square wave

**High Voltage Output (12-17)**

~500V AC, ~280 Hz @12V 1.8A Supply