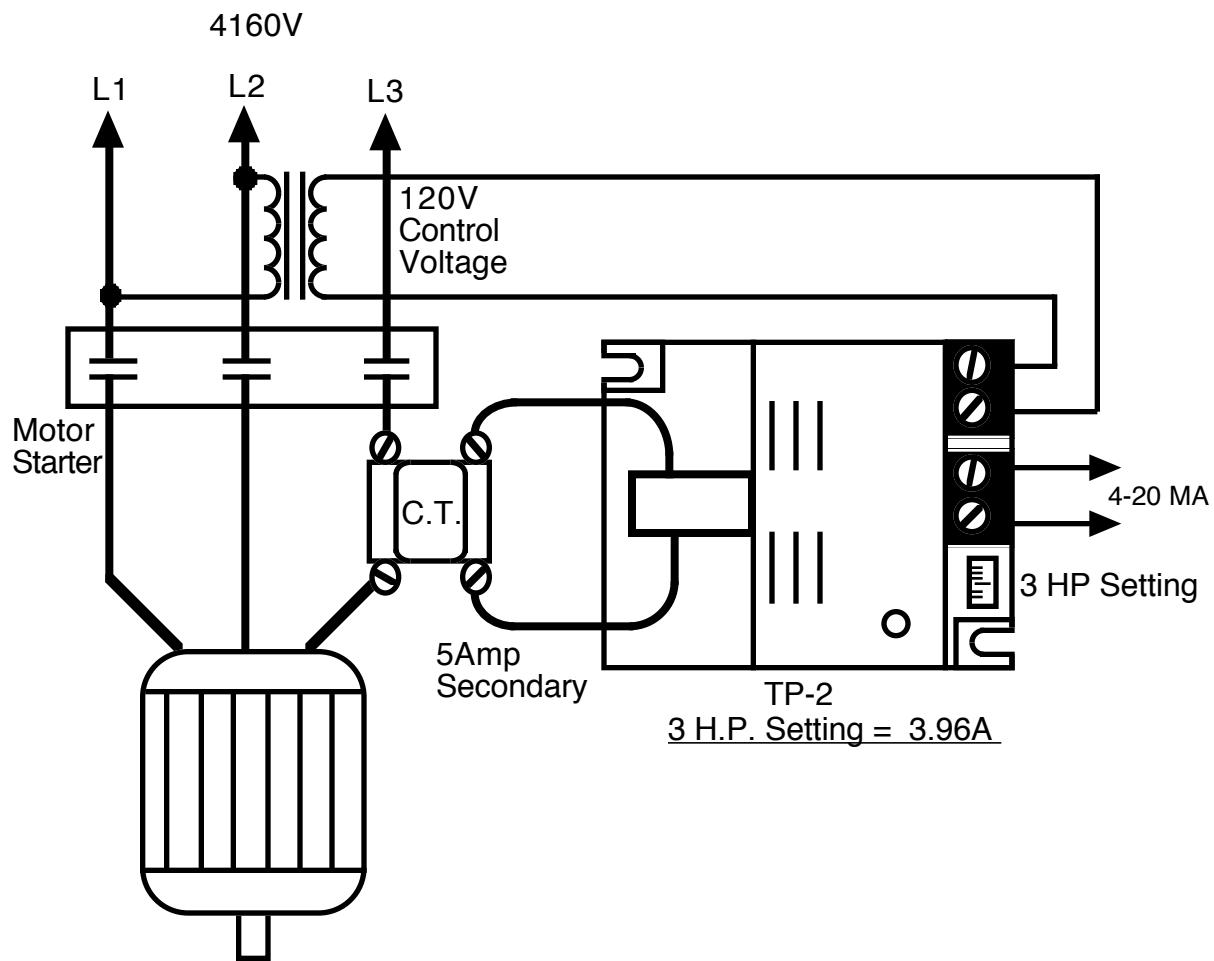


## TP-2 WIRING DIAGRAM



Full Scale Electrical Power is calculated :

$$\text{Motor Voltage} \times \text{C.T. Primary Rating} \times 1.732 (\text{Sq. Rt. 3}) \times \frac{3.96}{5}$$

Example :

Motor Voltage = 4160V    CT Primary = 100A

$$\text{Full Scale} = 4160 \times 100 \times 1.732 \times \frac{3.96}{5} = 571 \text{ KW} = 765 \text{ H.P.} \text{ Electrical Power}$$

Output Power or Mechanical Power is calculated :

Electrical Power ( Either KW or HP )  $\times$  Motor Efficiency