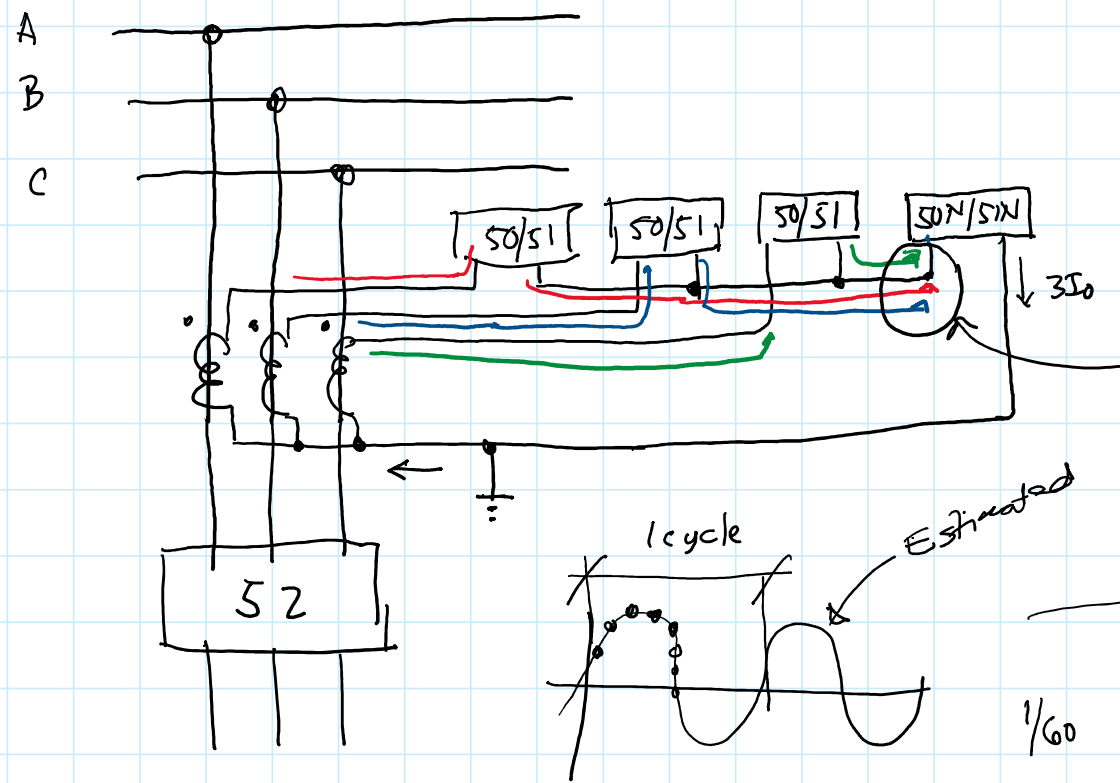
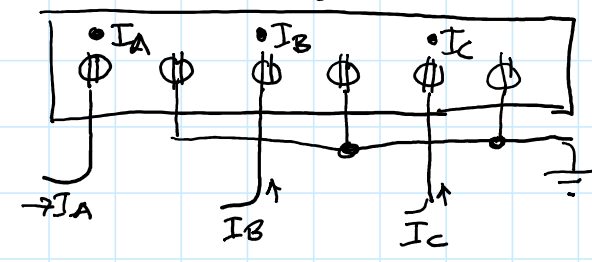


Traditional Overcurrent Relay Connection (Getting $3I_0$)



Digital Relay



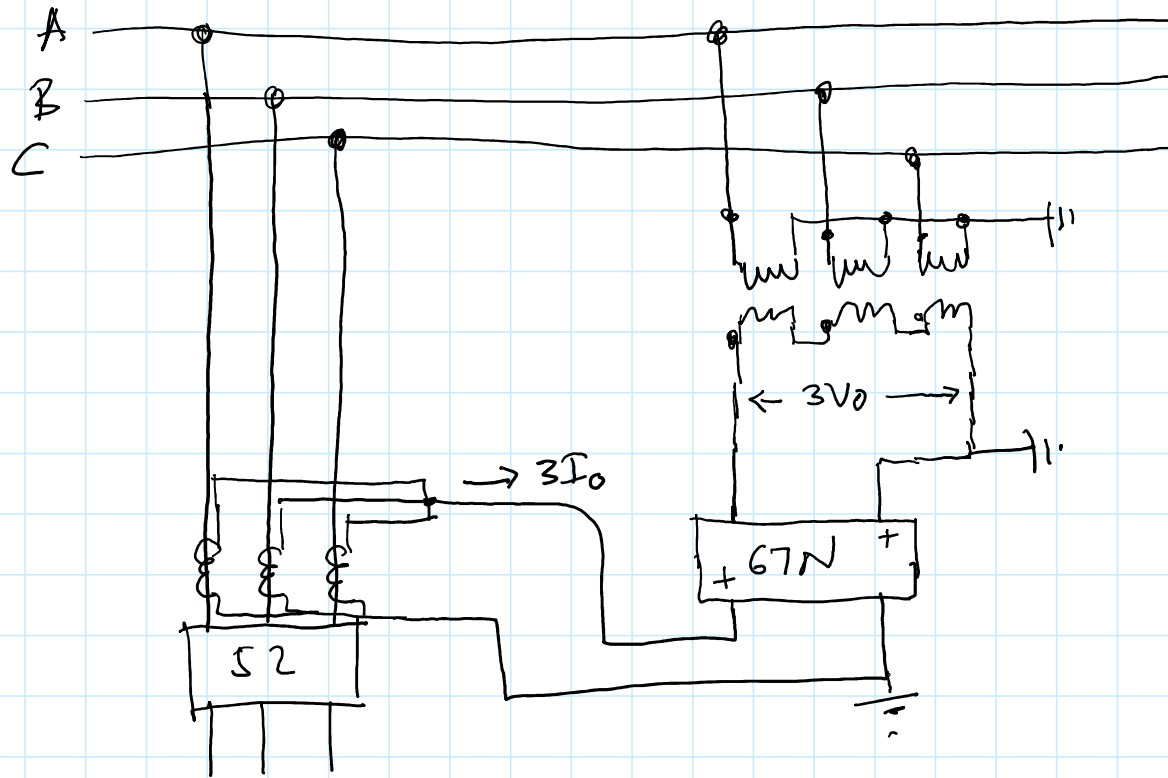
$$I_A + I_B + I_C = 3I_0$$

Digital Relays
Mathematical

calculates for
 $3I_0, 3I_1, 3I_2$

Traditional Relaying (getting $3V_0$)

$$3V_0 = V_A + V_B + V_C$$



For Digital relays:

Sequence Quantities
are Mathematically
calculated