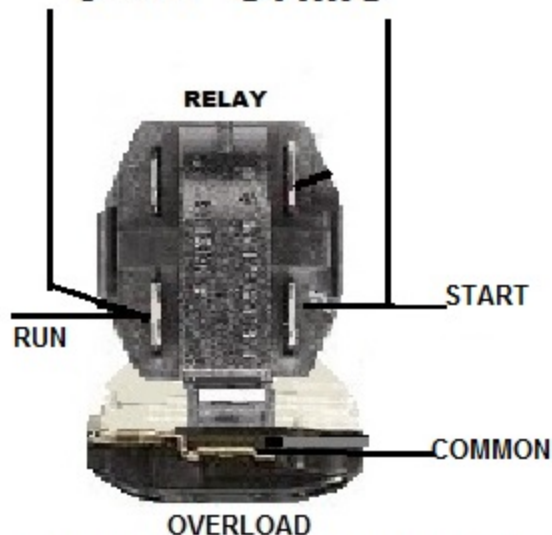
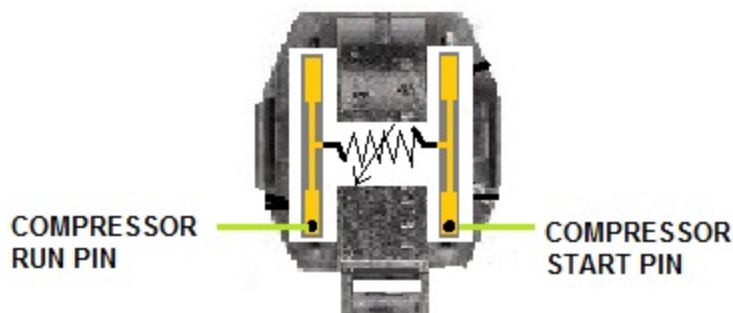


3 -12 OHMS



TERMINALS ON THE RIGHT SIDE OF THE RELAY ARE CONNECTED TOGETHER AND THE ONES ON THE LEFT SIDE ARE CONNECTED TOGETHER

THE RUN CAPACITOR IS CONNECTED ACROSS THE RUN WINDINGS AND START WINDINGS. THAT'S THE WIRE ABOVE THE WIRE ON THE RUN TERMINAL THE OTHER SIDE OF THE RUN CAPACITOR IS CONNECTED TO THE WIRE BETWEEN THE START CAPACITOR AND THE RELAY



SUPPLY VOLTAGE IS CONNECTED AT THE OVERLOAD (COMMON COMPRESSOR PIN) AND THE RUN TERMINAL ON THE RELAY (COMPRESSOR RUN PIN)

WHEN POWER IS SUPPLIED TO THE COMPRESSOR BOTH START WINDINGS AND RUN WINDINGS ARE ENERGIZED AND THE HEAT FROM THE PTC OPENS THE CONNECTION BETWEEN THE RUN WINDINGS AND START WINDINGS AND THE COMPRESSOR CONTINUES TO RUN ON JUST THE RUN WINDINGS

THE WIRE ON THE RELAY START TERMINAL GOES TO THE START CAPACITOR AND IS IN LINE WITH THE SAME WIRE ON THE RUN TERMINAL. ONCE THE CONNECTION OPENS BETWEEN THE RUN AND START WINDINGS THE CIRCUIT FROM THE START CAPACITOR IS BROKEN