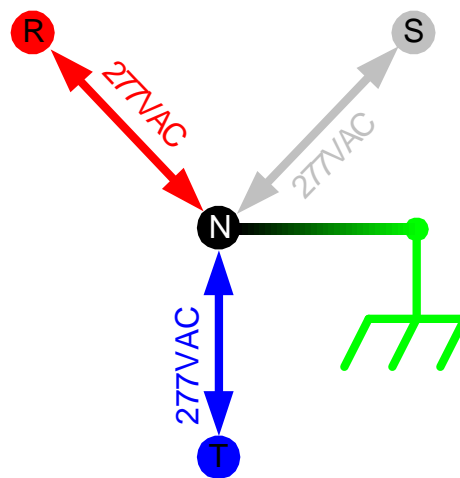
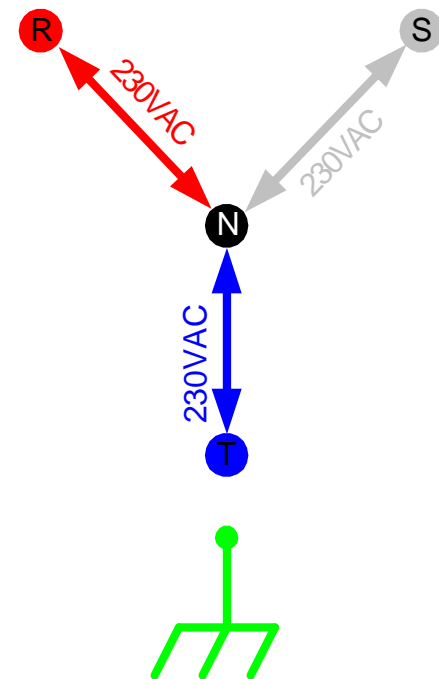


The 5 wire system is used to get balanced 400 V phase to phase and 230V phase to neutral ($400/1.732$) so control voltage can be obtained without a control transformer.



wye configuration with the neutral grounded in order to limit voltage to 277V or less to ground.