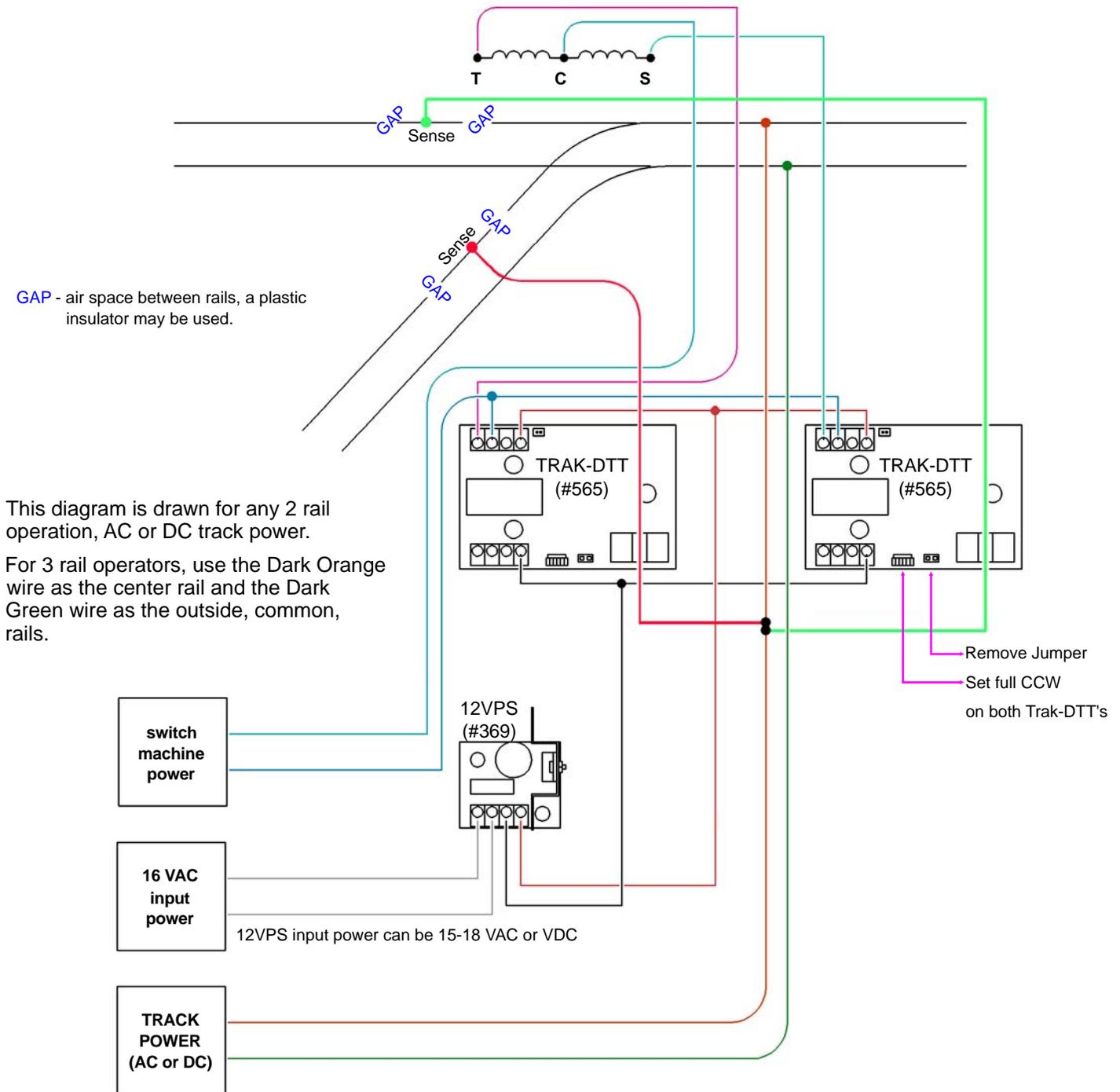


Automatic Twin Coil Switch Operation



This drawing shows the use of two Trak-DTT's to operate twin coil switch machines. The Trak-DTT's potentiometer should be set full CCW (counter clock wise) to yield the shortest setting. It's "select" jumper should also be removed.

Operation: upon entering the "sense" section, the appropriate Trak-DTT will energize for a momentary amount which powers up the appropriate coil on the switch machine thus operating the switch. The length of the sense section is one or more track sections or engine lengths. You may want to make it the length of a train so that any lit caboose will not re-trigger the switch. If not, no harm is done since the switch is already in the same position. When entering from the straight section, the switch will also be activated for the direction it was already set for, which again is of no consequence.

The drawing shows a RED wire for the turn sense and appropriate Trak-DTT. The Green wire is for the straight sense and appropriate Trak-DTT. They are then shown connecting to the dark red track power wire. If a second switch is to be thrown by the same Trak-DTT's, merely parallel wire the switch coils or use the other half of the relay contacts. One 12VPS can power up to 10 Trak-DTT's.

The same type of scenario can be used to activate twin coil semaphores.