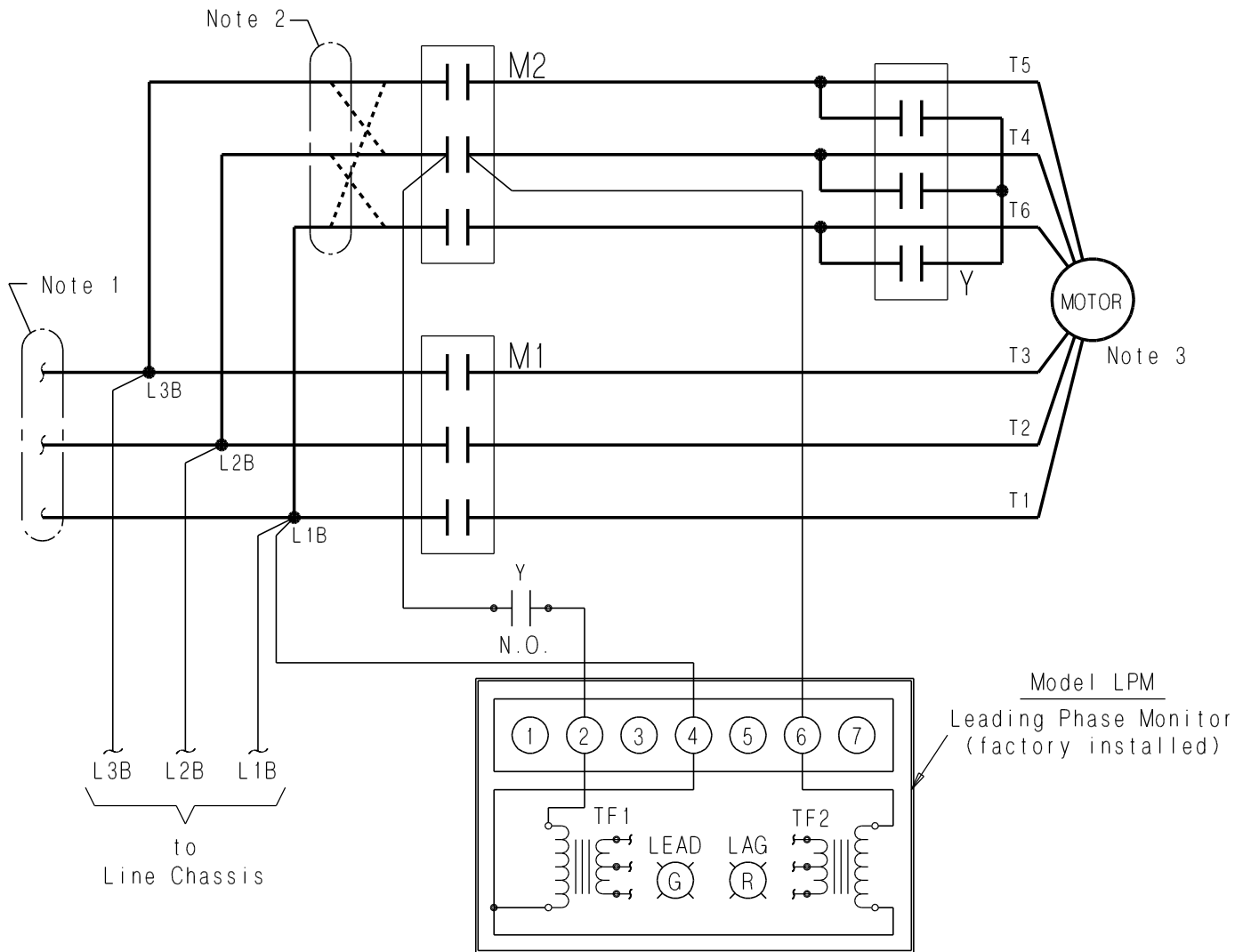


Leading Phase Monitor for Open Transition Controller

MASTER



NOTES:

1) First check the motor rotation. If the motor is starting backwards, swap any two sets of power wires at the load side of the Circuit Breaker or Transfer Switch. The motor coils should remain connected between T1 and T4, T2 and T5, T3 and T6. This can be verified with an ohmmeter.

2) Now check the status of the LPM during the Wye start. If the LED is green, it indicates that the Wye starting voltage is leading the Delta running voltage so the open transition "spike" is substantially reduced. If it is red, rotate all 3 power wire connections on the top of M2 to the left to change the connection to Leading.

3) It is not recommended, but if the motor rotation is changed at the bottom of M1 and M2, all three power wires on top of M2 must be rotated to the right instead. Both LEDs will be off, but the connections will be Leading. See Notes 1 and 2 above for the recommended procedure.