

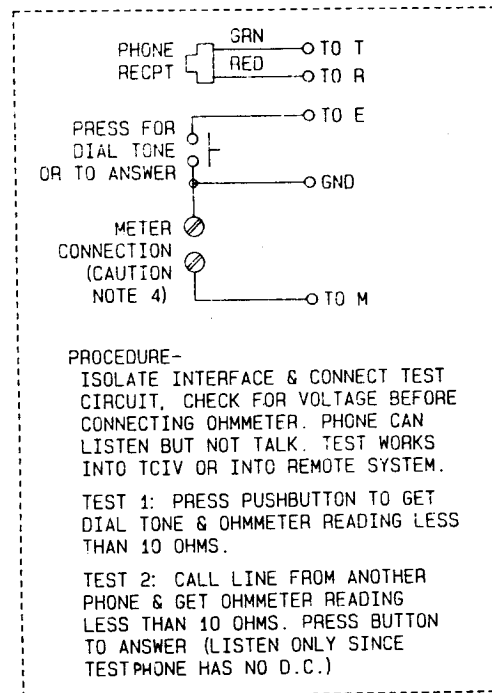
NOTES:

1. 1N4002 DIODE FOR TRANSIENT SUPPRESSION & PROTECTION OF RY1 (MAY BE OMITTED IF BUILT INTO E & M UNIT).
2. COMPONENTS RY1 & Q1 MOUNTED NEAR LLM.
3. THREE COMPONENT EM "HYBRID" REPLACES EH0001 STANDARD HYBRID IN LLM LINE CIRCUIT.
4. KEEP METER IN VOLTAGE MODE DURING ENTIRE TEST EXCEPT WHEN TAKING READINGS. (POSSIBLE 48VDC).

COMPONENTS-

- RY1 - D0189 REED RELAY 1K COIL, .5A CONTACT
- Q1 - MPSA55

E & M INTERFACE TEST CIRCUIT



TYPICAL WIRING FOR TCIV LINE  
TO PBX E & M INTERFACE  
RAULAND-BORG CORP.  
SKOKIE, ILL.  
KM0930 - 0