

165-730-919
Issue A 27/04/95
Sheet 1



Order Number

Serial Number

2V730K19 TEST PROCEDURE

AC VOLTAGE SENSING RELAY

1. TEST EQUIPMENT REQUIRED

DOBLE, HV Test Equipment .

2. ASSOCIATED DRAWINGS

690-088-202 Circuit Diagram PCB

690-088-301 Loading Diagram PCB

3. HIGH VOLTAGE TESTING

Apply 2KV RMS 50Hz between inputs and outputs for 1 minute.

4. CALIBRATION & TEST PROCEDURE

- a) Apply 110 V DC (Auxiliary volts).
- b) Set R12 and R14 to fully anti-clockwise.
- c) Set sense voltage to 4.13 V AC and adjust R11 until relay picks up.
- d) Set sense voltage to 3.5 V AC and adjust R13 until relay drops out.
- e) Set Doble to RAMP and ramp between 4.13 and 3.5 Volts adjusting R11 and R13 as necessary.

5. GENERAL & FUNCTIONAL

Check that the relay is electrically sound and mechanically robust as per Standard Inspection & Test Schedule 903-000-026

PASS

TESTED BY : _____ DATE : _____