

#### 2.4.24 Carry out the following:

- (a) Press and hold switch D for approximately 1 second.
- (b) Check that the display goes OFF while the switch is held.
- (c) Check that the display comes back ON when the switch is released and that the display is not corrupted.

#### 2.4.25 Carry out the following:

- (a) Disconnect the input jack plug from the test box.
- (b) Remove the jack plug from the cased unit.
- (c) Remove the RS232 termination connector.
- (d) Remove the cased unit from the test fixture.

### 3. ADAPTOR TEST

3.1 The adaptor test checks that the adaptor gives  $6.5 \text{ V} \pm 10\%$  on and off load with  $240 \text{ V} \pm 10\%$  input. In the following test the adaptor is serviceable if the meter reads GREEN in all of the checks.

#### 3.2 PROCEDURE

##### CAUTIONS:

- 1 DO NOT TOUCH VARIABLE TRANSFORMER OUTPUT WHEN DEVICE IS CONNECTED TO THE MAINS.
- 2 DO NOT CONNECT/DISCONNECT ADAPTOR FROM THE FLYING LEAD WHEN VARIABLE TRANSFORMER IS CONNECTED TO THE MAINS.

3.2.1 Connect adaptor jack to the test box.

3.2.2 Connect the adaptor into the flying mains socket of the variable transformer (Item 12).

3.2.3 Connect the adaptor jack to the test box (Item 13).

3.2.4 Set the variable transformer to 90%.

3.2.6 Plug in the variable transformer to the mains socket.

3.2.7 Check that the needle on the test box meter is in the GREEN band.

3.2.8 Press and hold the button on the side of the test box and check that the meter needle remains in the GREEN band. Release the button.

3.2.9 Set the variable transformer to 110% (maximum) and check that the meter needle is in the GREEN band.