

any part of the metal frame to the earth terminal on the front of the instrument. Preferably a heavy current (about 25 A) should be applied for not more than 5 seconds.

Test limit : not greater than 0.5Ω

SINAD FILTER KIT (fitting instructions)

Fitting instructions for this Optional accessory are as follows :-

- (1) Remove the four retaining screws from the two rear feet and slide the instrument forwards to remove from the case.
- (2) Attach the four spacers provided, item (a) see Fig. 1, to the right-hand side frame (looking from the front of the instrument) using four M3 x 5 LG pan head screws and crinkle washers, items (b & c), holes are provided in the side frame to accommodate these.
- (3) Attach the SINAD filter p.c.b. assy. item (d) to the four spacers with the four remaining screws and crinkle washers. The orientation of the board should be as shown in Fig. 1.
- (4) Remove and discard the Link assembly SKA (43129-444V) from PLA and connect the 3-way cable assy. item (e) between SK1 of the instrument p.c.b. and the 3-way plug on the SINAD filter p.c.b.
- (5) Remove the blanking plug from the front panel SINAD filter switch and fit the white button item (f) to the switch SB already fitted to the instrument.
- (6) Remove the backing paper from the adhesive Model identity label item (g) and place the label on the rear panel of the instrument underneath the existing 50893-920 Type No. label.
- (7) Replace cover and resecure the two rear feet to the instrument.

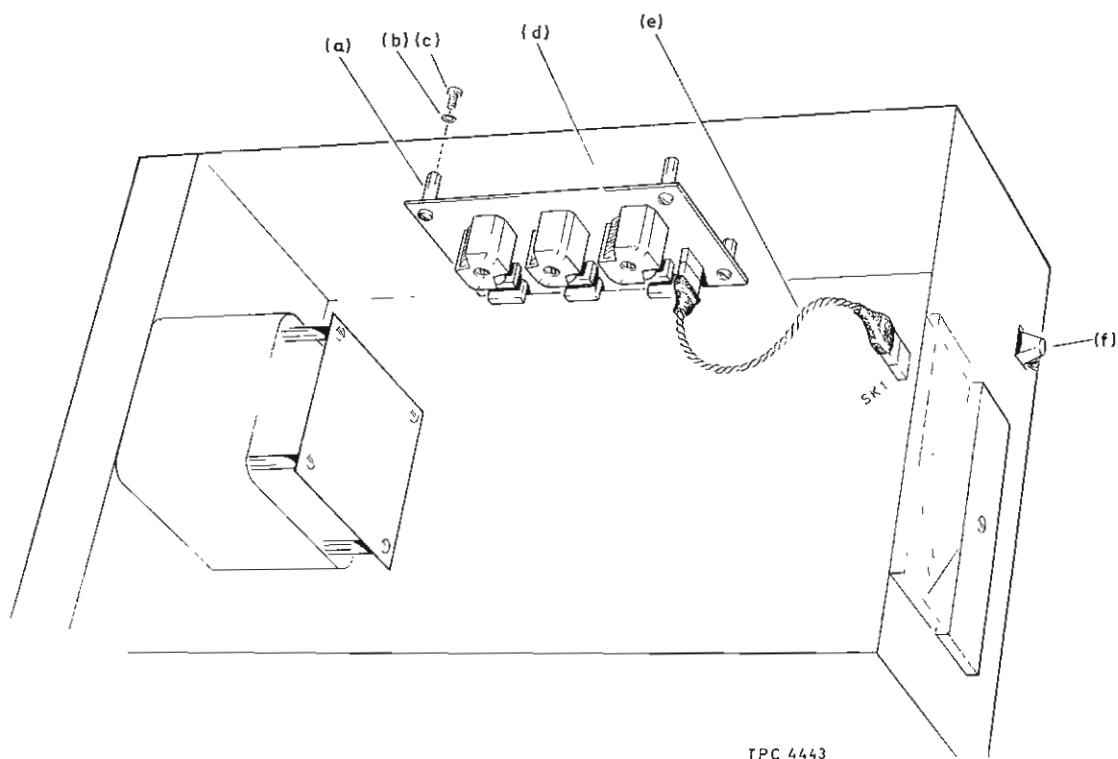
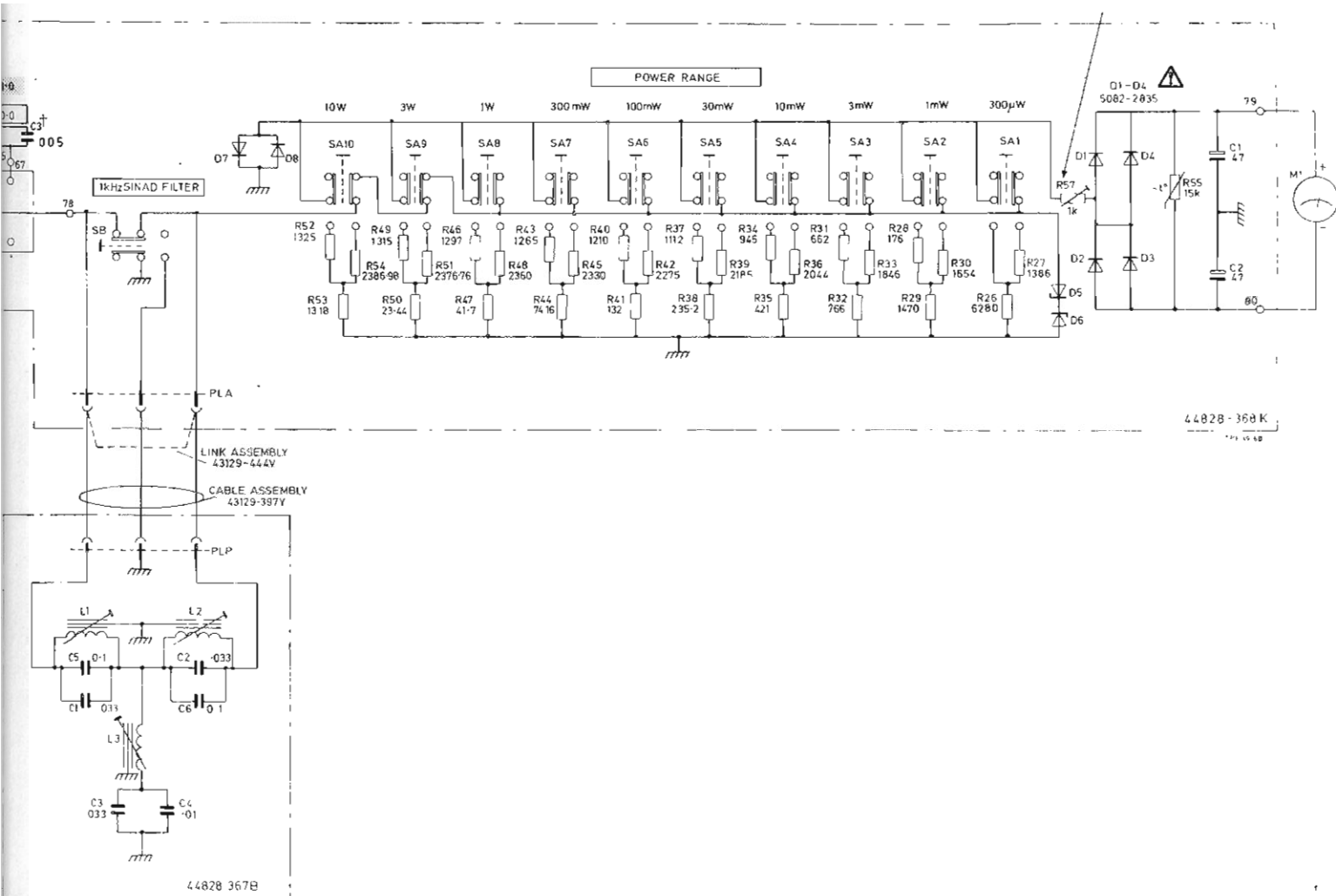


Fig. 1 SINAD filter board assembly details.

METER RANGE SELECTION

Full wave rectifier meter responds to average value of signal voltage and is calibrated in equivalent power of a sine wave.

R57 is preset for meter f.s.d. with standard input



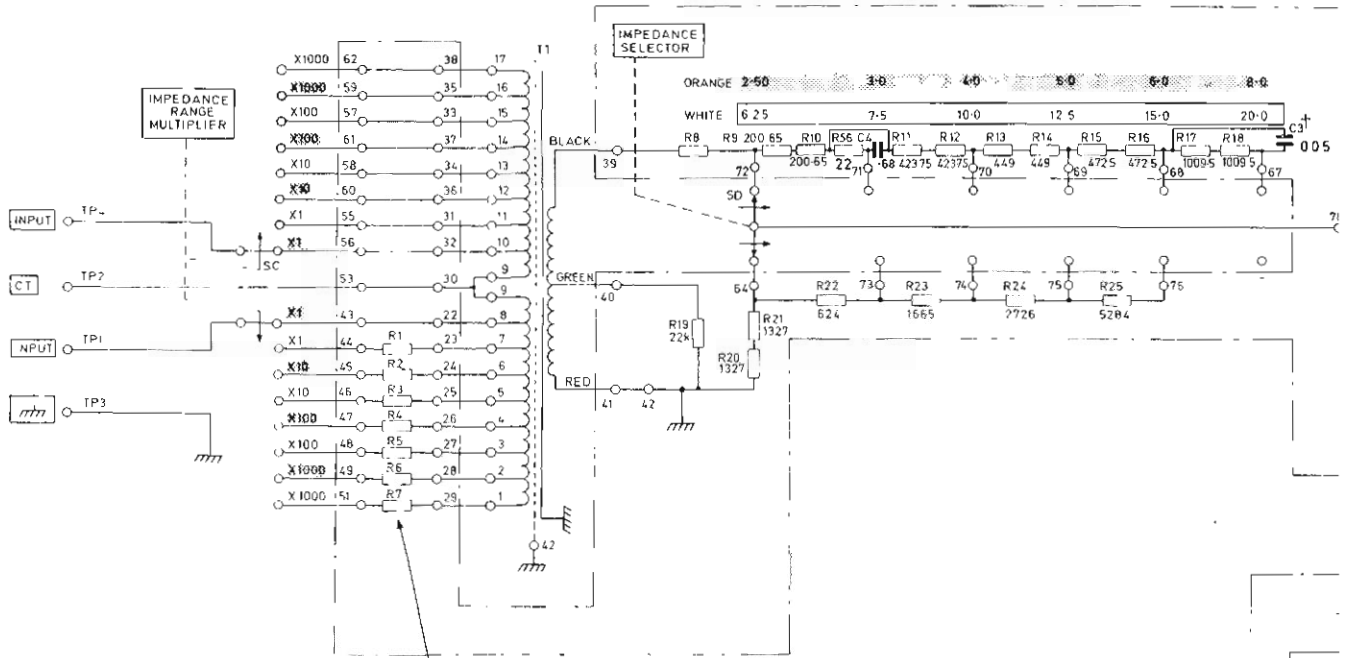
SINAD FILTER
 Included in version 50893-321J only
 Replaced with link 43129-444V in
 version 50893-920M).
 The filter rejects fundamental of measured
 kHz signal, enabling power level of
 noise and distortion content to be
 compared with power level of total
 signal.

Circuit diagram

IMPEDANCE SELECTION

Impedance between INPUT terminals is given by applying white multipliers to white impedance figures, or orange to orange.

Impedance between CT and INPUT terminal is approx. 1/4 of that between INPUT terminals.



R1 to R7 are selected to match the transformer primary winding

SINAD FIL

Included (Replaced version 5

Filter re 1 kHz sig noise and compared signal.

Fig. 1

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