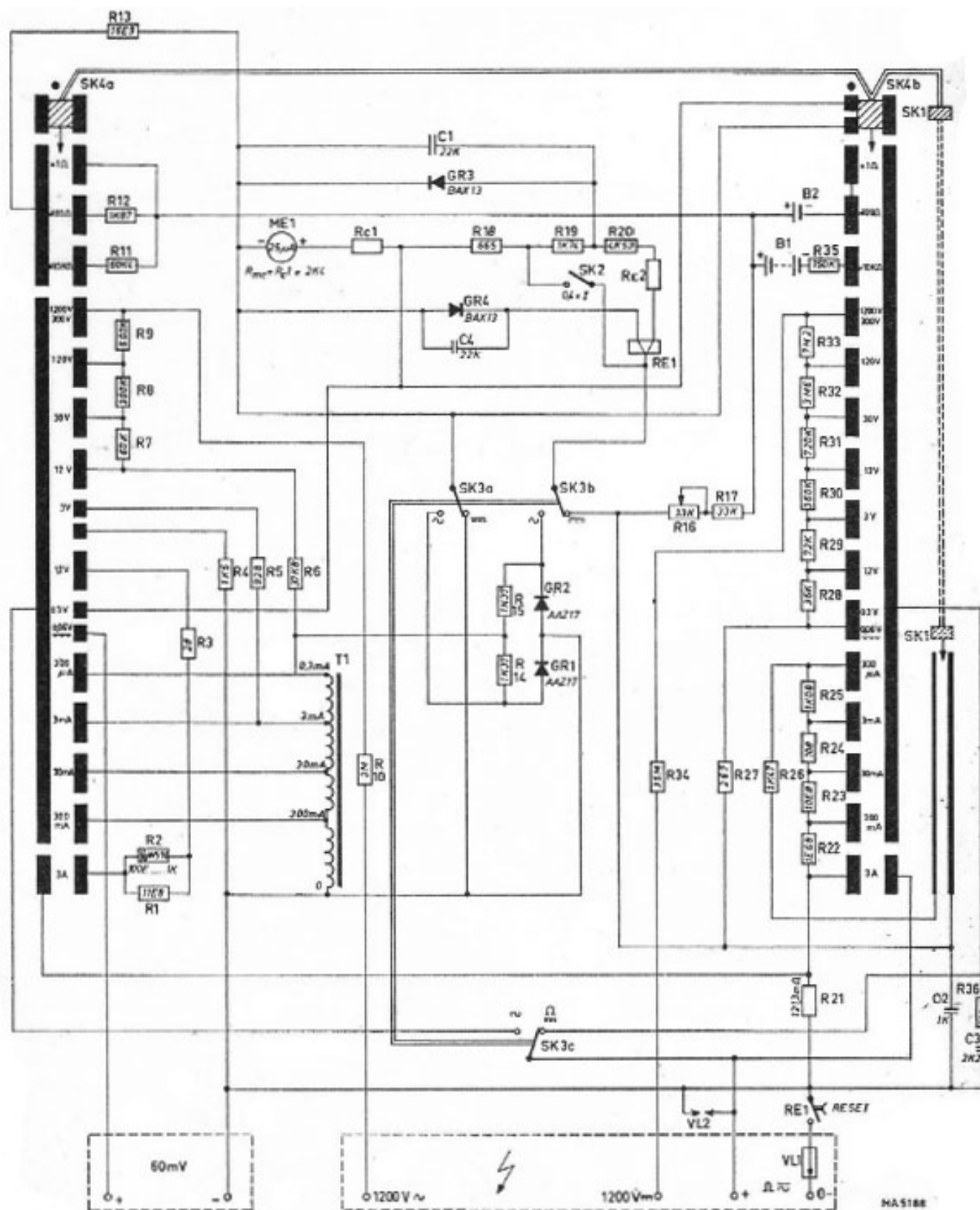


MEASURING RANGES =A ~

A ~		
1.5%	1.5%	
3 A	1.2 A	V < 700 mV
300 mA	120 mA	V < 300 mV
30 mA	12 mA	V < 450 mV
3 mA	1.2 mA	V < 180 mV
300 μA	120 μA	V < 400 mV
		V < 160 mV
		V < 400 mV
		V < 160 mV

1. Adjust pointer to 0
2. Selector switch to position „—“ or „~“
3. Monoknob to the highest range
4. Connect measuring leads according to figure.
Connect measuring points and select measuring range
5. After measuring set monoknob to transport position



GENERAL INFORMATION

Sensitivity at f.s.d. (d.c.) 40,000 Ω/V (25 μA)

Accuracy in horizontal position at f.s.d.
 scale V/A $\pm 1.5\%$
 scale V/A $\sim 2.5\%$
 scale Ω 2.5%
 (except X1 Ω range: 5%)

Should the instrument be used in vertical position readjust zero setting
 Accuracy 60 mV range $\pm 1.5\%$ at 20 $^{\circ}C$
 ($\pm 0.3\%$ per $^{\circ}C$)

Frequency range V~ 30 Hz ... 15 kHz ranges 1.2 V ... 30 V
 30 Hz ... 10 kHz ranges 120 V and 300 V
 30 Hz ... 500 Hz range 1200 V
 A~ 30 Hz ... 15 kHz ranges 120 μA ... 30 mA
 30 Hz ... 10 kHz ranges 120 mA and 300 mA
 30 Hz ... 3 kHz ranges 1.2 A and 3 A

Protection of measuring system Batteries

By two diodes, fuse and cut-out relay
 1 \times 1.5 V (PHILIPS R14, dia 26 mm, height 50 mm)
 1 \times 9 V (PHILIPS 6F-22, 26 \times 15 \times 50 mm) preferably leak-proof.
 Batteries can be replaced by removing the rear plate.