

REGULATED POWER SUPPLY

Types LS 7D and LS 7 DS
(LS 107 and LS 107S)

INPUT:	220 V	50 - 60 c/s
OUTPUTS:	a. Positive 0 - 500 V DC	200 mA Continuously variable
	Line stabilization:	10 mV - 25 mV change in output for a 10% change in line voltage /depending on output voltage set- ting/. /0,005%/
	Load stabilization:	0,1 - 0,2 V change in output for no load to full load change /depend- ing on output voltage setting/.
	Ripple:	0,3 mV r. m. s. at 200 mA.
	b. Negative 150 V DC	30 mA
	Line stabilization:	10 mV
	Load stabilization:	0,15 V
	Ripple:	0,3 mV r. m. s.
	c. Negative 0 - 150 V	DC high impedance Derived from <u>b</u> Continuously variable The potentiometer is logarithmic
	d. 6,3 V AC 4,5 A	
	e. 6,3 V AC 1,5 A	

a, b and c have a common zero.

a, b and c can be disconnected from the terminals by a switch on the panel

The meter measures current and voltage in a.

The fuse in a is 200 mA and in b 150 mA.

In the type LS 7 DS a is instead equipped with an automatic electronic fuse adjustable between 25 mA and 200 mA. If the output current exceeds this preset value the output voltage is reduced to zero. After about ten seconds the output voltage automatically returns. Should the overload still persist the cycle will be repeated.

The LS 7 D is equipped with a thermo relay which delays the starting about 90 seconds.

LS 7 D and LS 7DS will regulate from 200 V to 240 V. The components are designed to permit an overload of a up to 250 mA for five minutes, with five minutes' resting period in between.

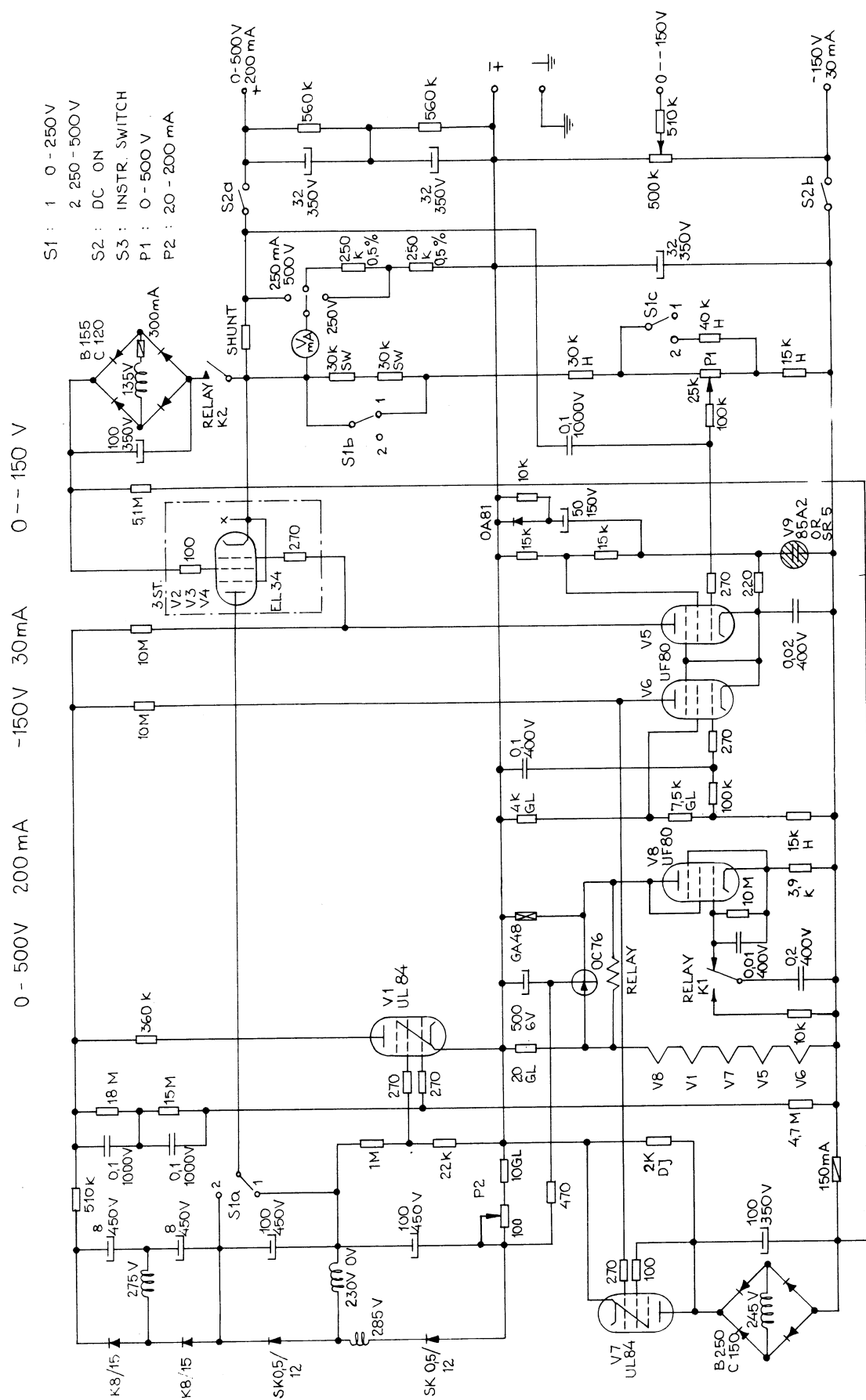
Should the power supplies not have been in use for about six months it is advisable to increase the load gradually for the first fifteen minutes.

PLEASE:

Do not obstruct ventilation.

Do not use an input voltage that continually deviates from 220 V or that even occasionally exceeds 240 V.

REGULATED POWER SUPPLY TYPE LS7DS(LS107S) AND LS14BS (LS114S)



TRANSFORMER CONNECTION

TYPE LS 7D

