OLTRONIX

D400-007D

OLTRONIX-ELECTRONICS: Regulated Power Supplies - Oscillators - Specially Designed Electronic Equipment

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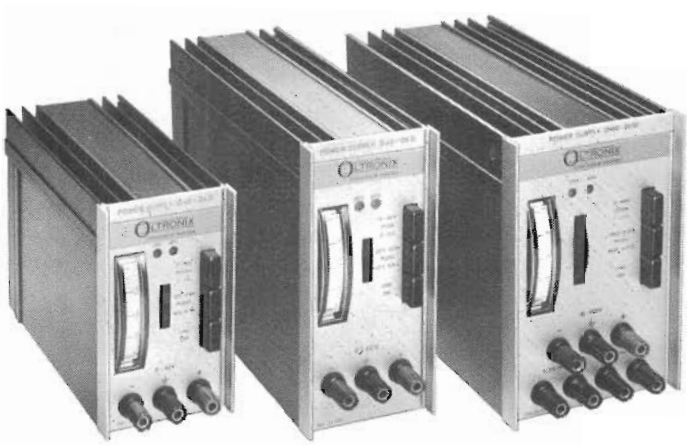
OLTRONIX

LABPAC

Regulated DC Power Supplies

Low Cost 15-30 W Models



D40-04D, D15-2D, D40-08D, D120-025 D D400—007D

- current limit
- versatile compact design
- laboratory or systems use
- programming
- constant current
- dual range* output
- all silicon
- series and parallel operation

*** Push a button on the front panel and LABPAC gives double the current at half the voltage. An illuminated range indicator shows the range in use.**

	Model	DC Output Volts $0—V_1$ / $0—V_2$	DC Output Amps $b_1—a_1$ / $b_2—a_2$	Regulation Line * %	Regulation Load * mV	Ripple * mV	Dimensions H×W×D mm	Weight kgs
LABPAC 15	D40-04D	0—40 / 0—20	0,2—0,4 / 0,4—0,8	0,25	200	2	130× 71×185	1,7
LABPAC 30	D15-2D	0—15 / 0—7	1,0—2,0 / 2,0—3,0	0,25	200	1.5	160× 71×220	2,3
	D40-08D	0—40 / 0—20	0,4—0,8 / 0,8—1,6	0,25	200	1.5	160× 71×220	2,3
	D120-025D	0—120 / 0—60	0,12—0,25 / 0,25—0,50	0,25	400	1.5	160× 71×220	2,3
	D400-007D	0—400 / 0—200	0,03—0,07 / 0,06—0,14	0,25	3 V	20	160×100×220	3,8
		(2×6, 3 V 50 Hz 2 A)						

Input: 200—240 V 50—400 Hz.

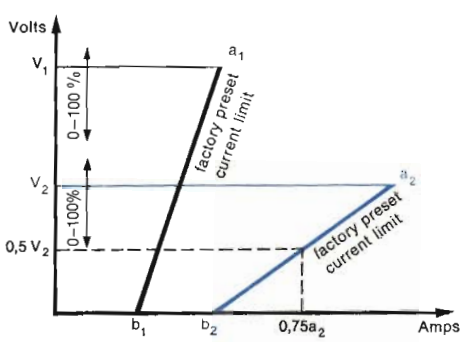
Output: Floating or either positive or negative terminal may be grounded, continuously variable, terminals front and rear.

Recovery time: 10 μ sec. (200 msec. for D400-007D).

* **Line regulation:** Specified and measured in percentage change of max. rated output voltage for a 10 % change of AC input voltage.

Load regulation: The change in output voltage for a no load to full load change (or vice versa) specified and measured in mV at max. rated output voltage.

Ripple: Specified in mV RMS and measured at max. output voltage and current.



Voltage-Current Characteristic

LABPAC can deliver any current and voltage within the area limited by the curve **V_1-a_1-b_1** on range 1 or **V_2-a_2-b_2** on range 2. Maximum output current is limited by the factory preset »fold-back» current limit **a_1-b_1** or **a_2-b_2**. When increasing the load from a low value the output voltage remains constant until the current limit curve is reached. Then both output voltage and current fall along the curves **a_1-b_1** or **a_2-b_2** wich are factory preset to 10 % above the specified values.
Important to note that max. available current is decreasing with decreasing output voltage. For example: At half the voltage **(0.5 V_2)** max. current is 75 % of max. rated value **(0.75 a_2)**.

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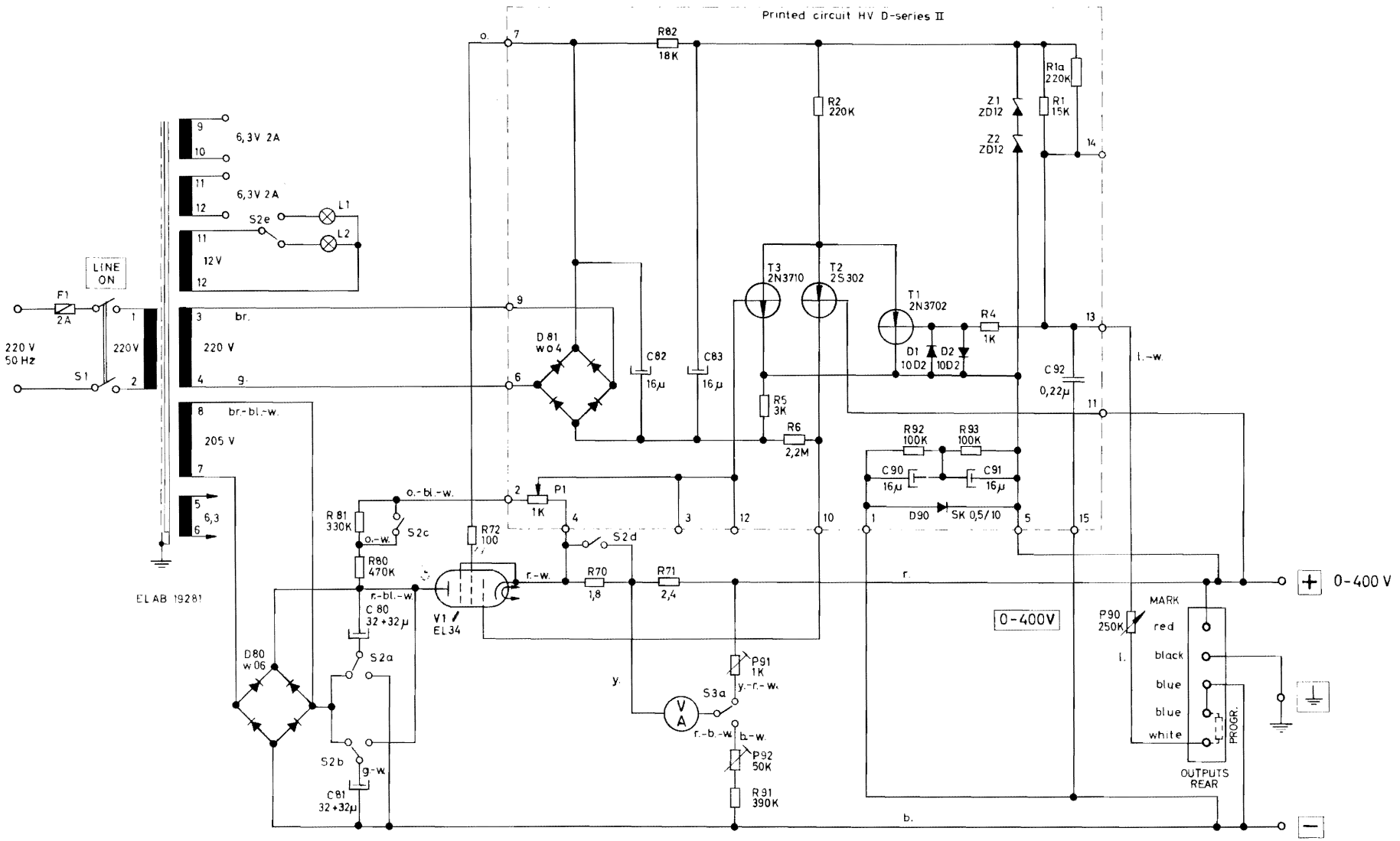

OLTRONIX SVENSKA AB VALLINGBY STOCKHOLM	REGULATED POWER SUPPLY D 400-007D
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