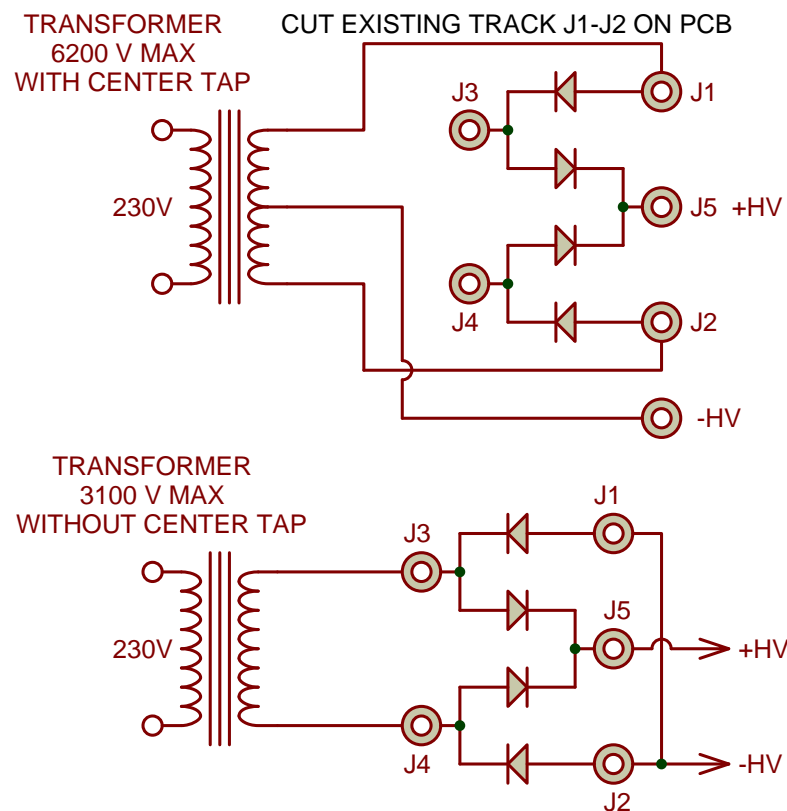


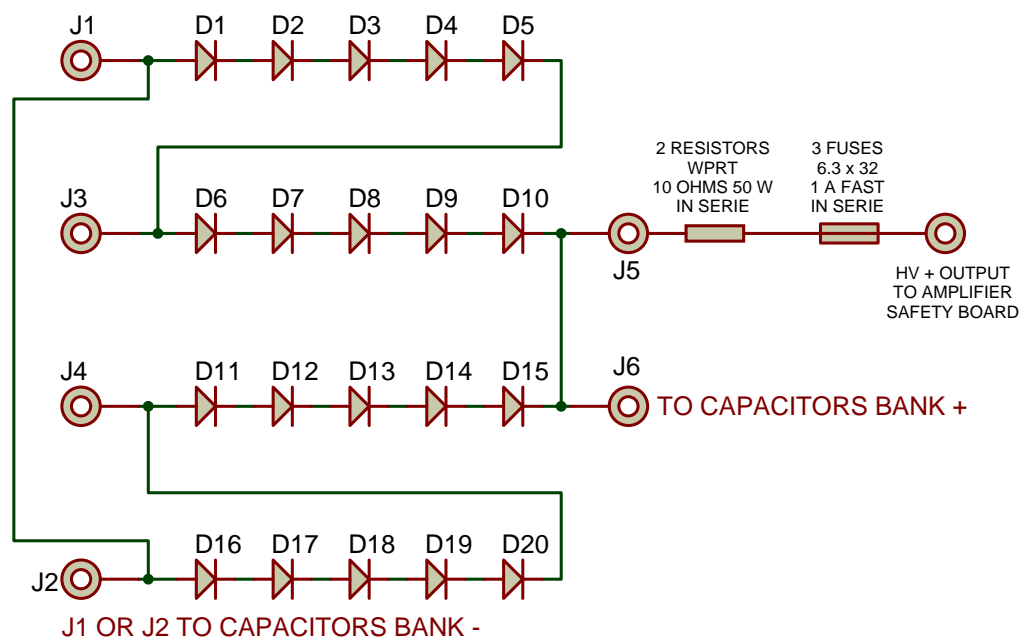
FOR 1 TUBE LIKE GS35B OR 8877, USE AT LEAST 6 AMPS DIODES IN THE BRIDGE
 AS, EVEN IF DC CURRENT REQUIRED IS ~1 A, DIODES PEAK CURRENT DURING CAPACITORS CHARGE,
 AT EACH ALTERNANCE, CAN BE ~7 A, DEPENDING ON TRANSFORMER SECONDARY RESISTANCE
 USE PSUD2 POWER SUPPLY FREEWARE SIMULATOR TO VISUALISE PEAK CURRENT.

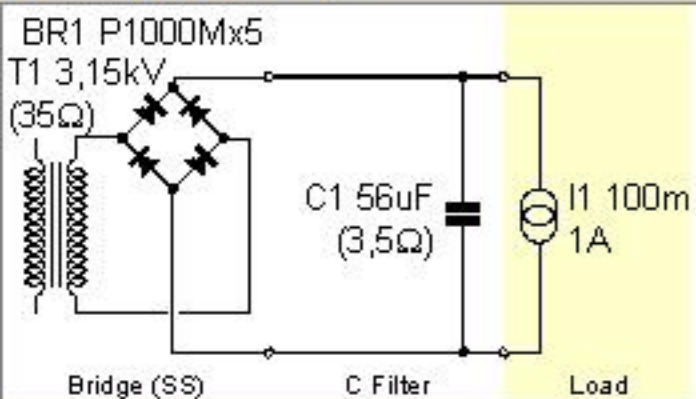
ASSEMBLY OF 3 FUSES SERIALY TO AVOID HV ARCING OVER FUSES
 WITH PROTECTION AGAINST GLASS BREAKS IN CASE OF BLOW
 FUSES HPC FAST:1 A (10 PIECES FOR ~7.5 EUROS)
 FUSES HPC ULTRA FAST 2A: (10 PIECES FOR ~40 EUROS)
 SEE DATA SHEETS IN FILES TO BE DOWNLOADED.



10A07: 10 A @ 1000 V > BRIDGE 10 kV @ 20 A
 THE LESS EXPANSIVES TODAY !!
 OR

P1000M: 10 A @ 1000 V > BRIDGE 10 kV @ 20 A
 P600M: 6 A @ 1000 V > BRIDGE 10 kV @ 12 A





Simulate

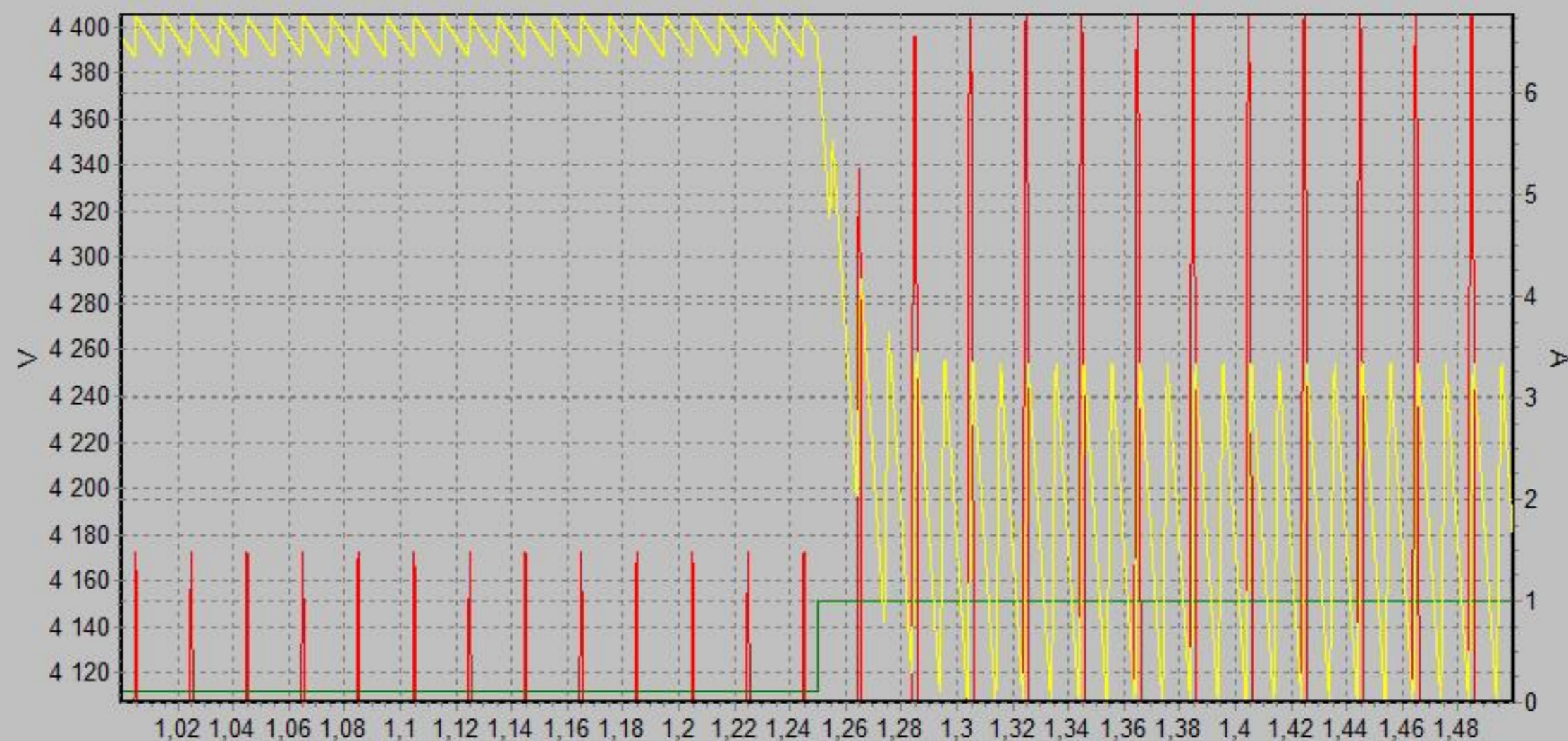
For 500

ms

after a reporting delay of 1

S

Result	Min	Max	Diff	Mean	RMS
<input checked="" type="checkbox"/> I(BR1)	-2,1978m	6,7744	6,7766	258,51m	1,1265
<input type="checkbox"/> I(C1)	-1,0021	5,7744	6,7766	-24,406m	1,4593
<input checked="" type="checkbox"/> I(I1)	100m	1	900m	550,03m	710,65m
<input type="checkbox"/> I(T1)	-6,7744	6,7744	13,548	-8,5306m	1,6080
<input type="checkbox"/> V(BR1)	-4,4040k	3,6076	4,4076k	-2,8863k	3,3506k
<input type="checkbox"/> V(C1)	4,1071k	4,4054k	298,32	4,2933k	4,2946k
<input checked="" type="checkbox"/> V(I1)	4,1071k	4,4054k	298,32	4,2933k	4,2946k
<input type="checkbox"/> V(T1)	-4,4063k	4,4063k	8,8127k	298,13m	3,1242k



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10A07-T, P1000M, P600M, OR EQUIVALENT

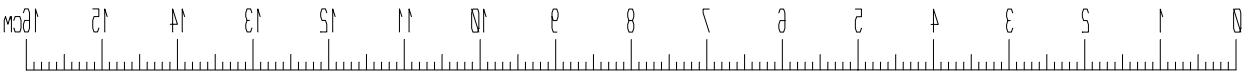


PCB 150 x 200 mm (HALF 200 x 300)

FIXATION HOLES 140 x 190 mm

USE 3 x M3 NYLON BOLTS FOR FUSES HOLDERS

USE 10 KV WIRES FOR ALL WIRINGS



E1FRV 08\5012 REV 4

