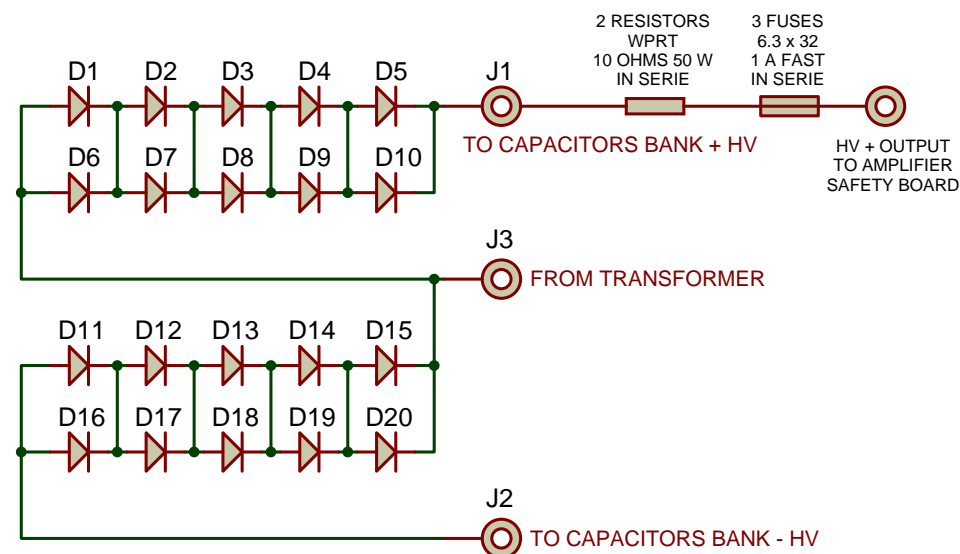
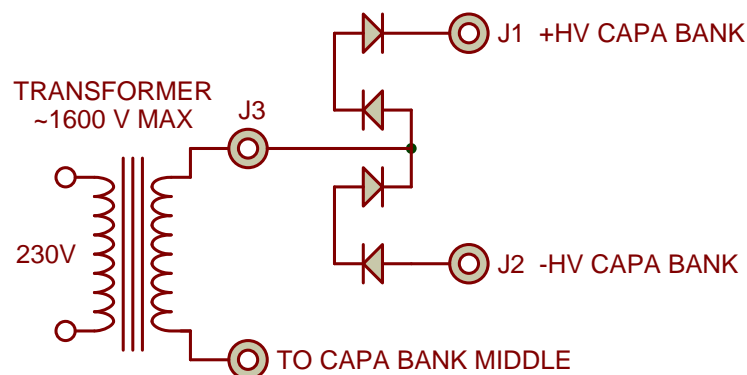


FOR 1 TUBE LIKE GS35B OR 8877, USE 10 AMPS DIODES IN THE BRIDGE,  
AS, EVEN IF DC CURRENT REQUIRED IS ~1 A, DIODES PEAK CURRENT DURING CAPACITORS CHARGE,  
AT EACH ALTERNANCE, CAN BE >7 TO >10 AMPS, DEPENDING ON TRANSFORMER SECONDARY RESISTANCE.

**USE PSUD2: POWER SUPPLY FREEWARE SIMULATOR, TO VISUALISE PEAK CURRENTS & VOLTAGES.**

ASSEMBLY OF 3 FUSES 6.3x32 SERIALY TO AVOID HV ARCING OVER FUSES  
WITH PROTECTION AGAINST GLASS BREAKS IN CASE OF BLOW  
EITHER FUSES HPC FAST:1 A (10 PIECES FOR ~7.5 EUROS)  
OR VERY EXPANSIVES 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

**NOTA WITH A DOUBLER LIKE THIS, DC VOLTAGE DROP UNDER LOAD IS WORSE THAN WITH A FULL WAVE BRIDGE.  
BE ALSO CAREFUL WITH CAPACITORS MAXIMUM ALLOWABLE CURRENT !!!**

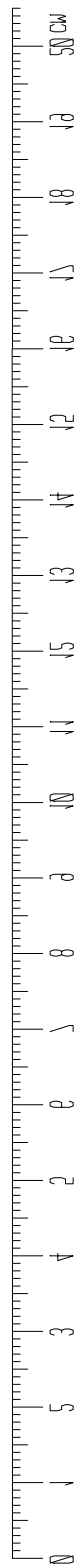
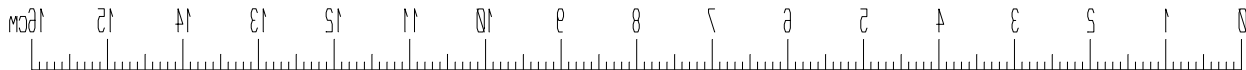
10A07-T,P1000M, OR EQUIVALENT



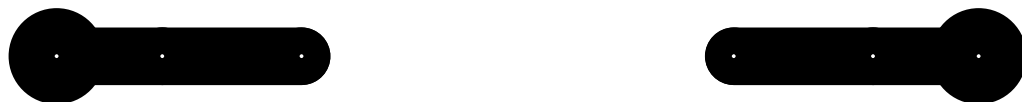
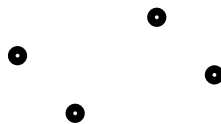
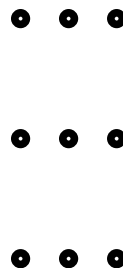
FIXATION HOLES 140 x 190 mm

USE 3 x M3 NYLON BOLTS FOR FUSES HOLDERS

USE 10 KV WIRES FOR ALL WIRINGS (EXCEPT BETWEEN FUSES)



DOUBLE FIFRA 10\5018 REV 0





Simulate For 2 000 ms after a reporting delay of 0 S

Result	Min	Max	Diff	Mean	RMS
<input type="checkbox"/> I(C1)	-1	8.6026	9.6026	79.713m	2.0416
<input type="checkbox"/> I(C2)	-1	8.6036	9.6036	86.863m	2.0498
<input checked="" type="checkbox"/> I(D1)	0	9.6026	9.6026	694.09m	2.1787
<input checked="" type="checkbox"/> I(I1)	0	1	1	614.38m	767.34m
<input type="checkbox"/> I(T1)	-9.6036	9.6026	19.206	-7.1492m	3.0883
<input type="checkbox"/> V(C1)	-297.29u	1.8718k	1.8718k	1.4776k	1.5456k
<input type="checkbox"/> V(C2)	-124.84m	1.8726k	1.8728k	1.4785k	1.5464k
<input type="checkbox"/> V(D1)	-3.7724k	909.65m	3.7733k	-1.5024k	1.9758k
<input checked="" type="checkbox"/> V(I1)	-710.26u	3.7308k	3.7308k	2.9561k	3.0908k
<input type="checkbox"/> V(T1)	-1.8728k	1.8728k	3.7456k	-4.8657	1.1807k

