

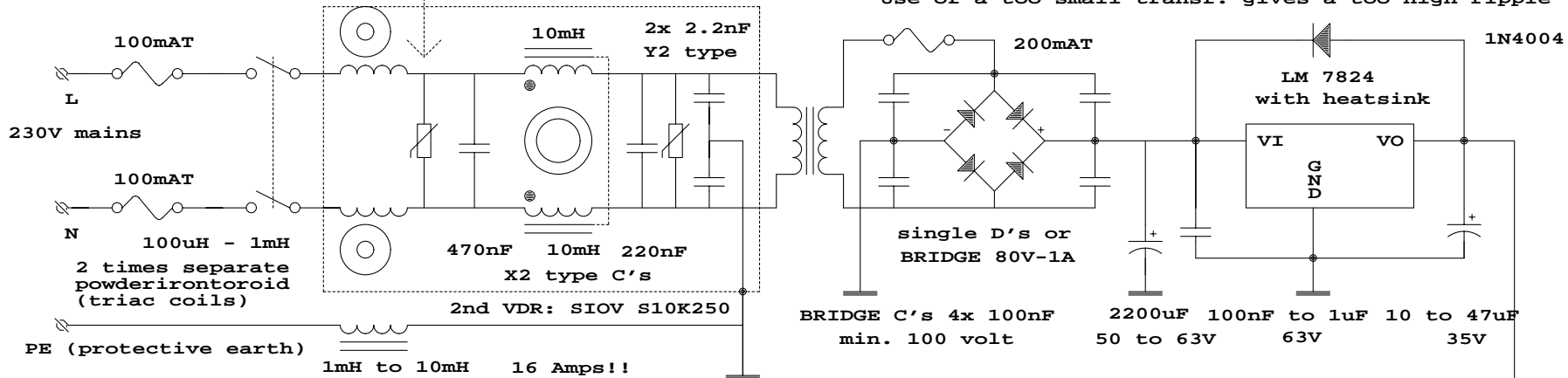
main VDR: SIOV S20K250

Important: two mains fuses!!

standard strong mainsfilter  
or separate components  
Do make the right C choice!!

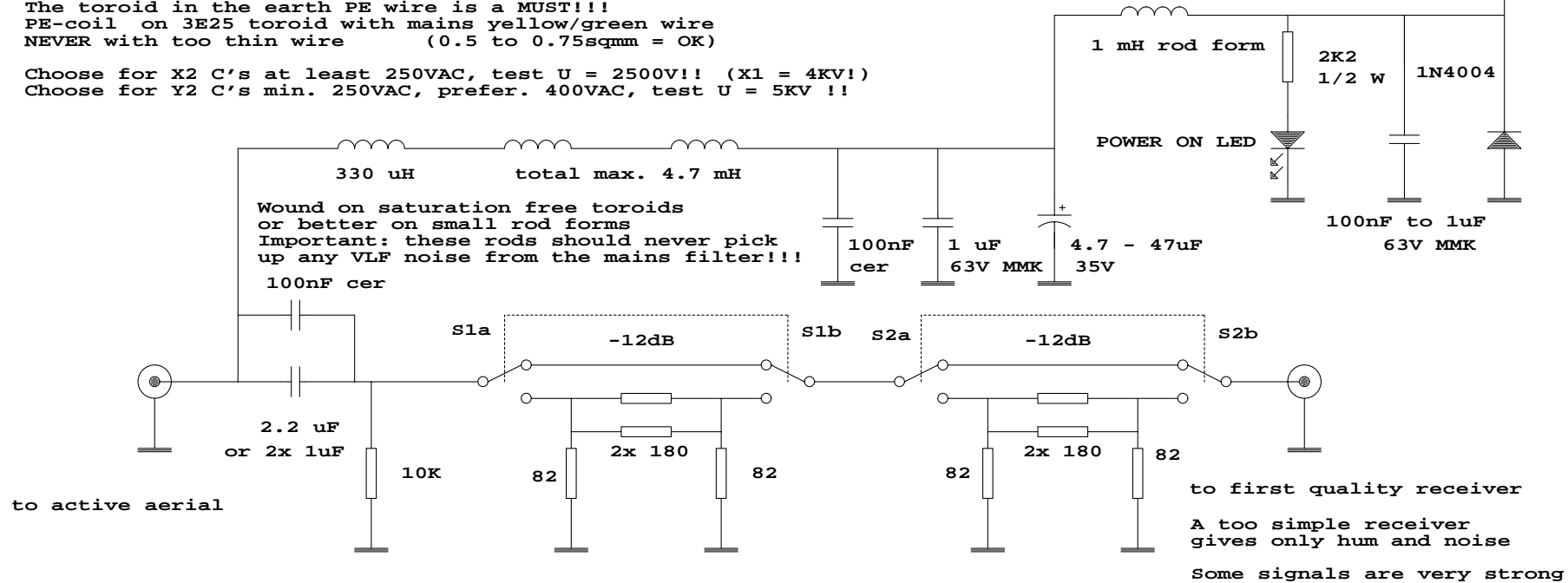
transf.: 24 - 28V AC 250 mA min. (prefer. 10 VA!)  
Prefer. chamber wound (= sepearte/ not on top)

Use of a too small transf. gives a too high ripple



The toroid in the earth PE wire is a MUST!!!  
PE-coil on 3E25 toroid with mains yellow/green wire  
NEVER with too thin wire (0.5 to 0.75sqmm = OK)

Choose for X2 C's at least 250VAC, test U = 2500V!! (X1 = 4KV!)  
Choose for Y2 C's min. 250VAC, prefer. 400VAC, test U = 5KV !!



Standard high current rod form coils are the best  
I-DC = 100 mA, 0.5 amp coils are OK

24V SUPPLY FOR POWER ACTIVE AERIAL

Size	Document Number	REV
A	design W. Geeraert PELABR	
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