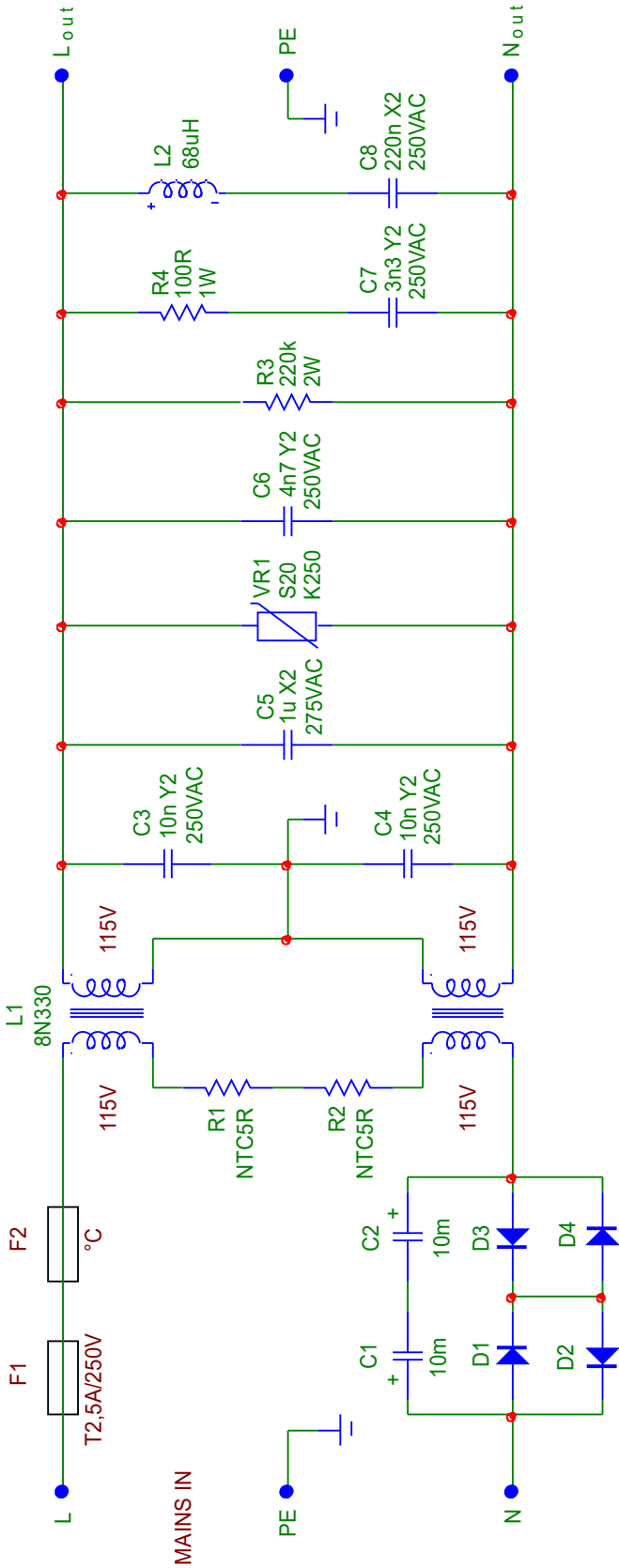


# Balanced Mains Filter

Schematic diagram



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# Balanced Mains Filter

## Partslist

Part no.	Value:	Type:	Farnell:
C1, C2	10.000uF/25V	electrolytic capacitor	945-2800
C3, C4	10n/250VAC	Y2 safety capacitor	274-7962
C5	1u/275VAC	X2 safety capacitor	249-5851
C6	4n7/250VAC	Y2 safety capacitor	274-7961
C7	3n3/250VAC	Y2 safety capacitor	244-9102
C8	220n/250VAC	X2 safety capacitor	249-5831
D1...D4	KBPC1001	10A bridge rectifier	267-5361
F1	T2.5A/250VAC	fuse, slow	
F2	-	8N330 internal thermal fuse	
L1	8N330	toroidal transformer	
L2	68uH 6.2A	Murata 1468362C	107-7059
R1, R2	S237 5R	NTC resistor	210-1626
R3	220k/2W	PR02 metal film	261-4534
R4	100R/1W	PR01 metal film	261-4497
VR1	S20K250	varistor	100-4357

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