

**THE BILL OF MATERIAL**

Item	Quantity	Reference	Part	Supplier
1	1	C1	1 $\mu$ F 275VAC X2	
2	1	C2	1000 $\mu$ F 16V	
3	1	C3	100nF ceramic	
4	1	C4	10nF ceramic	
5	1	C5	1nF ceramic	
6	1	C6	47nF 275VAC X2	
7	1	DZ1	5V6 Zener 1,3W	
8	2	D1, D2	1N4007	
9	2	J1, J3	CON3	
10	1	J2	CON10A	
11	1	L1	6.8 $\mu$ H	
12	1	P1	50K $\Omega$ potentiometer	
13	1	Q1	BC337	
14	2	R1, R10	47 $\Omega$ 2W flame proof	
15	2	R2, R4	12K $\Omega$ 1% 1/2 W metal oxide	
16	1	R3	M2020/5K/A206 NTC	EPCOS
17	3	R5, R6, R7	10K $\Omega$ 5% 1/4 W carbon	
18	1	R14	10K $\Omega$ 1% 1/2 W metal oxide	
19	2	R8, R9	300 $\Omega$ 1% 1/2 W metal oxide	
20	1	R11	560K $\Omega$ 5% 1/4 W carbon	
21	1	R12	100K $\Omega$ 1% 1/2 W metal oxide	
22	1	R13	100K $\Omega$ NTC 2381 633 5.104	VISHAY
23	2	TR1, TR2	ACST67S TO-220	ST
24	1	U1	ST7ULTRALITE DIP8	ST