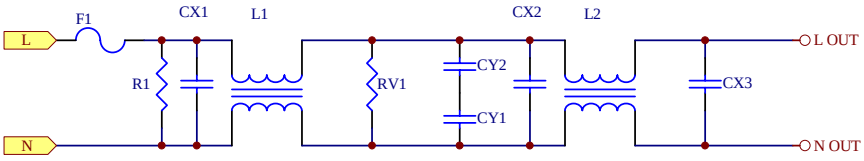
DA0126 Design information

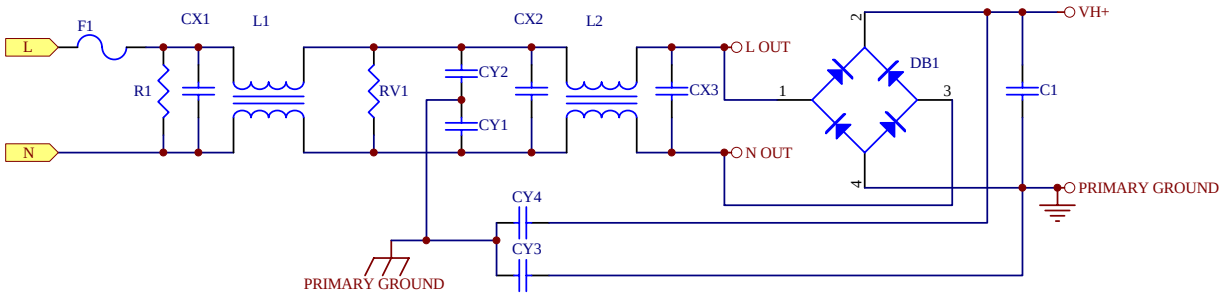
INPUT PROTECTIVE DEVICES



1. F1 : FUSE 3.15A/250V SLOW BLOW,POWER PROTECTION.
2. RV1 : VARISTOR 470V,TRANSIENT VOLTAGE PROTECTION.

DA0126 Design information

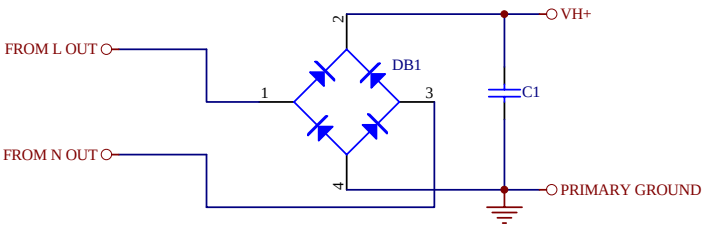
EMI FILTERS



1. L1,L2 : 12mH Min.COMMON MODE FILTER.
2. CX1: X CAP. 0.47uF/275VAC,COMMON MODE FILTER.
3. CX2: X CAP. 0.68uF/275VAC,COMMON MODE FILTER.
4. CX3: X CAP. 0.01uF/275VAC,COMMON MODE FILTER.
5. CY1,2: Y CAP. 0.0047uF/250VAC,COMMON MODE FILTER.
6. CY3,4: Y CAP. 0.001uF/250VAC,COMMON MODE FILTER.
7. R1: 1M Ohm,SLUICE RESISTANCE.
8. REFERENCE :
   CX1,2,3 : 0.1uF - 1uF.
   CY1,2,3,4 : 0.001uF - 0.022uF.
   L1,L2 : 12mH Min.

DA0126 Design information

PRIMARY RECTIFICATION



1. DB1: 8A/1000V,INPUT RECTIFIER.
2. C1: 1uF/400V,INPUT FILTER CAPACTIOR.
3. REFERENCE :

The input rectifier section plays a largely unappreciated role within the switching power supply. The typical input circuit is composed of two to three major subsections : an EMI filter, possibly a start -up current surge limiter, an overvoltage surge suppressor, a rectification stage (for off-line applications), and the bulk input filter capacitor.