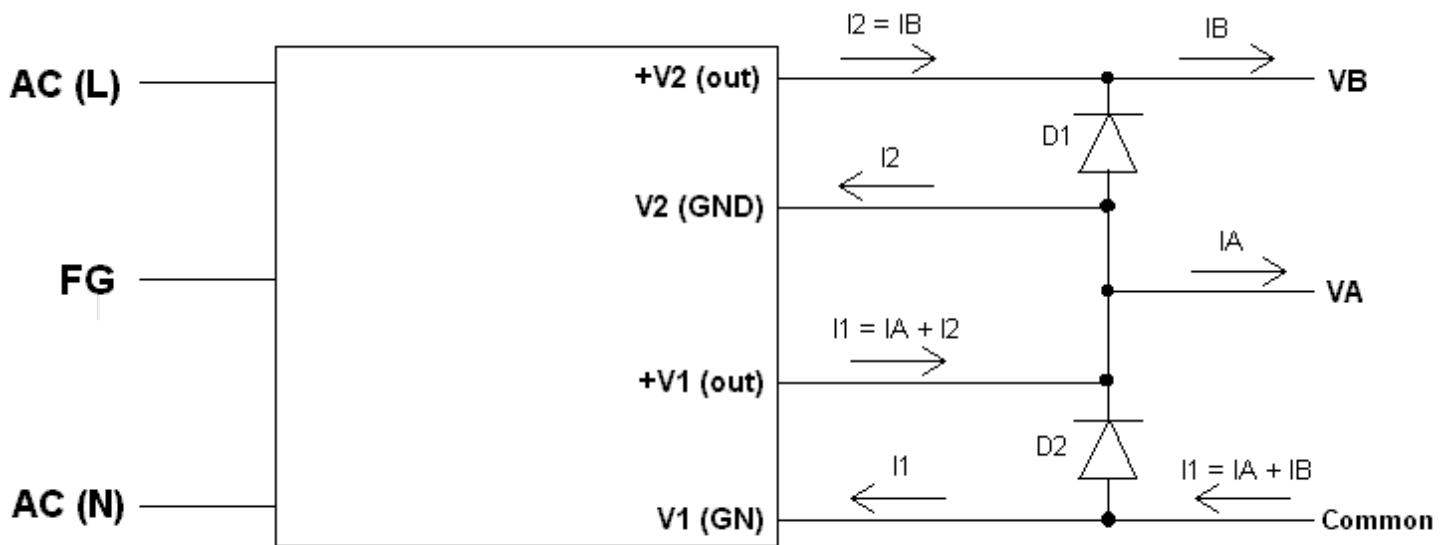




SERIAL CONNECTION OF FLOATING OUTPUTS ON ETA POWER SUPPLIES



REMARKS ABOUT SERIAL CONNECTION OF OB-SERIES:

- VA = V1
- VB = V1 + V2
- I1 = IA + IB

Please be aware that the current I1 which is the sum of IA and IB, should not exceed the value rated for V1 in the data sheet.

Protection diodes: It is to protect V2 output from reverse voltage in case of a short circuit between VB and Common.

Use Schottky diode types, adapted to clamp voltage and maximum V1 current.

- Capacitors: C1, C2, C3: 1'000µF min. (low impedance)
- Diodes: Schottky- or fast recovery types adapted to clamp voltage and current
- Resistors: 0.25W types, to compensate voltage drop over diodes