

BOSSDB Series Regen Dump Circuit Connections

Regen Dump Circuit Connections

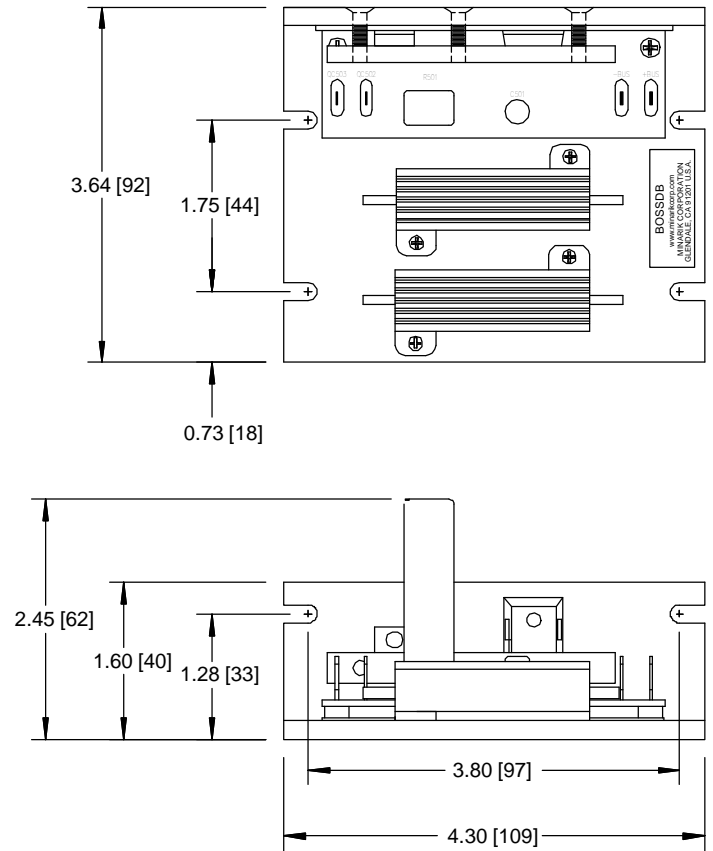
The regen dump circuit is recommended for all BOSS Series drives. Regenerative loads may cause the bus voltage to increase. The regen dump circuit prevents the voltage across the bus capacitors from exceeding their voltage rating.

1. Connect the +BUS terminal on the regen dump circuit to the +VDC terminal on the BOSS drive mother board.
2. Connect the -BUS terminal on the regen dump circuit to the -VDC terminal on the BOSS drive mother board.

DC Power Source Connections

If you use a DC power source with the regen dump circuit, you must connect the power source to the BOSS drive L1 and L2 terminals as shown in the figure above.

1. Connect the positive (+) lead from the DC power source to the L1 terminal on the BOSS drive mother board.
2. Connect the negative (or COM) lead from the DC power source to the L2 terminal on the BOSS drive mother board.



BOSSDB Series Regen Dump Circuit Dimensions

All dimensions in Inches [Millimeters]