

TB208 (Rev1) - 3-Phase Noise Suppression for SD drives

Purpose:

This document was created in an effort to help protect our SD drives from noise coming in on the 3 phase power into the DC supply. We have decided to add quenarchs across all 3 phases at the stud diode assembly.

Quenarch Assembly



Procedure:

1. To install the quenarch assembly, locate the stud diode assembly in the electrical cabinet and loosen the screws for the incoming 3-phase power. Note: If building your own quenarch assembly make sure to solder the ends of the quenarchs together before crimping the spade terminals onto the leads.
2. Slide the spade terminals under all the screws and tighten down. (See picture below for correct installation).



