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

Purpose:

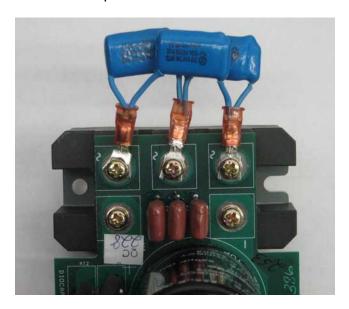
This document was created in an effort to help protect our SD drives from noise coming in on the 3 phase power into the DC supply. We have decided to add quenarchs across all 3 phases at the stud diode assembly.

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).



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