

Products Affected:

CTI # 5000 AutoYoke

Overview:

A change has been made to the AutoYoke to improve reliability of the electronic control circuitry.

Details:

The AutoYoke PCBA is provided with an isolation diode at D39 to protect the power circuit from back-fed voltage that might be created by the motors if the AutoYoke is moved. In newer models of the AutoYoke, this part has been upgraded to Vishay # UG1D Diode, which will withstand up to 200V.

Note: This upgrade requires board level electronics skills and should only be attempted by a qualified service person. Alternatively, CTI can perform this upgrade as a bench repair. Contact City Theatrical for rate and schedule.

To implement this change in existing AutoYokes, follow these steps:

1. Place the AutoYoke in a suitable work area with the Yoke and fixture hanging down, such that clear access is provided to the top and sides of the unit.
2. Remove the Electronics Control Box cover screws and remove the cover.
3. Remove the control PCBA side panel and disconnect the DMX, Power, sensor, and motor control cables.
4. Remove the PCBA from the metal side panel.
5. Locate and Remove D39.
6. Install a Vishay # UG1D Diode in the D39 location.
7. Reassemble and test the AutoYoke.