



Excellence in Controls
and System Integration.

LIQ 5 Hot Standby Operation

Tesco Controls, Inc. is proud to offer the benefits of Hot Standby Operation for your LIQ 5 Programmable Controller. A Hot Standby system provides backup control in case of a failure. For maximum fault tolerance under adverse operating conditions, dual LIQ 5s can operate in tandem in a Master/Slave configuration with an optional common operator interface. The Hot Standby feature allows the Slave to immediately take over operation if the Master should fail. This configuration is thoroughly redundant, in that all I/O and CPU functions on the Master are completely duplicated on the Slave unit. The Master/Slave units share external I/O points. There is a pulse "heartbeat" sent out from both the Master and Slave to verify each other at specified time intervals. If the Master heartbeat fails to occur, then the Slave immediately takes over operation and removes power from the Master, so that it cannot affect operation.

In addition, a manual transfer function is provided to offer maximum flexibility and control for the user.

FEATURES

- Fully redundant (including I/O)
- Mutual verify between Master and Slave
- Instantaneous switchover
- Manual transfer capability

Tesco Controls Inc.
3434 52nd Ave.
Sacramento, CA, 95823

Phone: 916-395-8800
Fax: 916-429-2817

<http://www.tescocontrols.com>