

CITY MASTER BOX COMPANY TECHNICAL BULLETIN 01

Supervision and Monitoring of the Master Box

The trouble contacts on the master box circuit board must be monitored by the fire alarm control panel. Although the master box employs an onboard sounder to alert for a trouble or alarm condition, loss of 24Vdc power will prevent the sounder from sounding or the master box from transmitting.

This function can be accomplished by utilizing a conventional alarm or supervisory circuit or an addressable monitor module programmed for a trouble/supervisory event.

The dry trouble relay contacts on the circuit board are in the normal state when the circuit board is energized and clear of trouble conditions. Loss of 24vdc power or other trouble conditions will cause the contacts to change state to either make or break the alarm supervisory circuit in order to initiate a "master box trouble" event on the fire alarm panel.

For additional technical support please contact the manufacturer as follows.

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Published 06/15/2011