



Kingfisher Company, inc.

ELECTRONIC MASTER BOX TECHNICAL BULLETIN 01

Supervision and Monitoring of the Electronic Master Box

The trouble contacts on the Electronic 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.

Kingfisher Company, inc.

81 Old Ferry Road
Lowell, MA 01854
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Kingfisher Company, inc., products must be used within their published specifications and must be PROPERLY specified, applied, installed, operated, maintained and operationally tested in accordance with their installation instructions at the time of installation and at least twice a year or more often and in accordance with local, state and federal codes, regulations and laws. Specification, application, installation, operation, maintenance and testing must be performed by qualified personnel for proper operation in accordance with all of the latest National Fire Protection Association (NFPA), Underwriters' Laboratories (UL), National Electrical Code (NEC), Occupational Safety and Health Administration (OSHA), local, state, county, province, district, federal and other applicable building and fire standards, guidelines, regulations, laws and codes including, but not limited to, all appendices and amendments and the requirements of the local authority having jurisdiction (AHJ).

NOTE: Due to continuous development of our products, specifications and offerings are subject to change without notice in accordance with Kingfisher Company, inc., standard terms and conditions

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