



*Kingfisher Company, inc.*



## CITY MASTER BOX TECHNICAL BULLETIN 03

### Master Box Grounding

Ground the earth ground terminal on the city connection terminal block before energizing the circuit board. This grounding precaution is only necessary when the circuit board is energized.

The floating ground design of the master box circuit board means that the circuitry is only grounded to the earth ground terminal on the city connection terminal block.

When bench testing or programming the master box ground the earth terminal to any electrical service ground or other suitable ground such as an electrical conduit, water pipe, conductive grounded surface, bench or mat or temporarily connect the terminal to the mounting plate if the plate or the enclosure is grounded or setting on a grounded work surface.

For the field installation energize the circuit board only after the terminal has been permanently grounded according to the requirements of the AHJ or connect a temporary ground to a suitable ground or to the mounting plate if the enclosure is grounded.

Remember to remove any temporary ground connections once the permanent earth ground is connected.

For additional technical support please contact the manufacturer as follows.

#### **City Master Box by Kingfisher Company, inc.**

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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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