



ELECTRONIC MASTER BOX REPLACEMENT PROGRAM

Benefits:

- Try Before You Buy! Give it a shot, what do you have to lose!
- Off the Shelf - Available Now
- Quick Setup and Programming
 - Windows, iOS, and Android Cordless Options Available
- Retrofit Kit for existing Mechanical Master Boxes
- FACP Powered and Standalone AC Powered options
- 8 Programmable Inputs per Box
- 26 Distinctive Programmable Codes per Box
 - Alarm, Trouble and Restoral per Zone
 - Inputs may be used for Fire, Medical, Security, Supervisory, Hazardous, Waterflow, Gas Monitoring
- Install Options available in NEMA1, NEMA3R and Retrofit for Existing Mechanical Master Boxes
- FM Approval



Description:

The Electronic Master Box replacement program has been designed with the ability for your agency to receive a Electronic Master Box for 30 days to review and test with no obligation to purchase. This program allows a Fire Department to understand how the Electronic Master Box product will work for their town. Your local Kingfisher representative will work with you during this replacement period to make sure you have the opportunity to fully understand the product and it's capabilities.

An Electronic Master Box will be sent to your fire department to setup and test with your existing system infrastructure. After 30 days you have the option to purchase the product or return it.

A Kingfisher Technician will provide assistance and training to setup the Electronic Master Box and program it.

If the Electronic Master Box is transferred to a working site, within the 30 days, the customer will be charged and the Fire Department can receive another replacement for another 30 days. **You will always have a Electronic Master Box available for emergency service replacement when you need it most!**

Models/Description:

The EMB is available in standard NEMA1 enclosures for indoor use, or NEMA3R weatherproof enclosure for outdoor applications.

- EMB08-FP** Eight Zone Electronic Master Box mounted in NEMA1 enclosure, powered from FACP +24VDC Aux output or other FM approved +24VDC power source.
- EMB08-PS** Eight Zone Electronic Master Box mounted in a NEMA1 enclosure, powered from AC line. Includes power supply and support for backup batteries (required).
- EMB16-PS** Sixteen Zone Electronic Master Box mounted in a NEMA1 enclosure, powered from AC line. Includes power supply and support for backup batteries (required).
- EMB24-PS** Twenty-four Zone Electronic Master Box mounted in a NEMA1 enclosure, powered from AC line. Includes power supply and support for backup batteries (required).
- EMB-RK** Retrofit Kit for Mechanical Master Box. (Retrofit Kit includes Electronic Master Box mounted on a Subplate to swap out Mechanical Master Box & Wiring and Install Instructions. Powered from FM listed +24VDC source with backup.) Contact Customer Service for your specific application.

Specifications:

POWER

24VDC Nominal Input from FM approved source:

20.4 – 30VDC, Non-Resettable, Filtered and Regulated. Standby Current @24VDC: 52mA 8-Zone Alarm Current @24VDC: 68mA with One Zone in Alarm and Transmitting

AC Input (when used with optional AC power supply)

120 – 240 VAC Nominal 3A Max.

Secondary Power

2x 12V 7AH Sealed Lead Acid Gel Cell Batteries.

CONTACT RATINGS

Dry Contacts – 30VDC 1A max

Municipal Loop – 240V 1A max

ENVIRONMENTAL

Operating Temperature -40°F to 158°F (-40°C to 70°C) Operating Humidity 90% Non-Condensing

ENCLOSURES

Standard Enclosure, NEMA1, 16 Gauge Steel, Red powder coat finish, lock and two keys. Houses the transmitter only. Requires external 24vdc from FM approved source. Dimensions 18" L x 12" W x 3.3" D

Power Supply Enclosure, NEMA1, 16 Gauge Steel, Red powder coat finish, lock and two keys. Houses the transmitter, power supply/charger and backup batteries. Requires 120VAC and two 12V / 7AH sealed lead acid gel cell batteries. Dimensions 30" L x 16.25" W x 3.5" D

NEMA 3R Weatherproof Enclosure, 16 Gauge Aluminum, Red powder coat finish, full length piano hinge door, lock assembly and two keys. Requires external 24vdc. Houses the transmitter only. Requires external 24vdc from FM approved source. Dimension of Enclosure 14.5" L x 10.5" W x 8.5" D plus dimension of top and bottom mounting tabs 10" x 1.5".

ORDERING INFORMATION

KCi #	Model #	Description
99721	EMB08-FP	Electronic Master Box, 8 Zone, 24V FACP Powered, NEMA 1 Enclosure
99722	EMB-PSO	Electronic Master Box, No EMB, AC Power Supply, NEMA 1 Enclosure
99722-08	EMB08-PS	Electronic Master Box, 8 Zone, AC Power Supply, NEMA 1 Enclosure
99722-16	EMB16-PS	Electronic Master Box, 16 Zone, AC Power Supply, NEMA 1 Enclosure
99722-24	EMB24-PS	Electronic Master Box, 24 Zone, AC Power Supply, NEMA 1 Enclosure
99722-C	EMB-CUS	Electronic Master Box, Custom, Consult Factory for Options
90026	EMB-FS	Electronic Master Box Programming & Testing
99726	EMB-KCI	KCi Cordless Interface—EMB Programmer & Power Cable
RETROFIT / REPLACEMENT KITS		
99721-RB	EMB-RB	Electronic Master Box, 8 Zone Replacement Board
99723	EMB-RK	Electronic Master Box Retrofit Kit for Mechanical Boxes (Kit includes 8 Zone Electronic Master Box, 24VDC FACP powered, mounted on a Subplate with Wiring and Install Instructions.) Contact Customer Service for your specific application.
99722-PS	EMB-PS	Electronic Masterbox Replacement 120VAC Power Supply

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), Factory Mutual (FM), 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).

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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