



Kingfisher Company, inc.



CITY MASTER BOX ELECTRONIC TELEGRAPH ALARM TRANSMITTER

Features:

- Eight Programmable Coded Input Zones
- Shunt Switch Options
- Simple Field Programming Programmable Timing
- One Programmable Local Energy Trip Zone
- Earth Ground Return (EGR) Function
- Positive Non Interfering Successive (PNIS) Function
- General Alarm Relay, Fail Safe Trouble Relay
- Eight Zone Relays for annunciation
- NEMA1 or NEMA3R Enclosures
- FACP (+24VDC) or AC line powered



Description:

The City Master Box is an electronic telegraph alarm transmitter that is capable of transmitting multiple codes or zones. This significantly increases the performance of the public reporting alarm system because it enables the alarm receiving and dispatch operations to differentiate various types of alarms transmitted from a facility, increasing the speed and accuracy of their response.

The City Master Box is Factory Mutual Approved and compliant with the requirements specified in NFPA 72, Chapter 9, Public Fire Alarm Reporting Systems. It is manufactured in the USA using Industrial Grade Components and designed and built to provide rugged and dependable service under harsh conditions.

Models/Description:

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

CMB-STD Eight Zone Electronic Master Box mounted in NEMA1 enclosure, powered from FACP +24VDC aux output or other FM approved +24VDC power source

CMB-PSE Eight Zone Electronic Master Box mounted in a NEMA1 enclosure, powered from AC line. Includes power supply and support for backup batteries (required).

CMB-N3R Eight Zone Electronic Master Box mounted in a NEMA3R enclosure, powered from FACP +24VDC aux output or other FM approved +24VDC power source

CMB-RET 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

DC Input from FM approved source:

24-30vdc, Non-Resettable, Filtered and Regulated. Acquiescent Current @24vdc, 60mA
Maximum Current @24vdc, 280mA with all Zones and Relays 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. Required for CMB-PSE power supply enclosure option.

CONTACT RATINGS

Dry Contacts – 30VDC 1A max

Telegraph Loop – 240V 1A max

ENVIRONMENTAL

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

ENCLOSURES

STD-Standard Enclosure, NEMA1, 16 Gauge Steel, Red powder coat finish, lock and two keys. Houses the transmitter only. Requires external 24vdc. Dimensions 15.50" L x 11.25" W x 4.25" D

PSE-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 cel batteries. Dimensions 16.75" L x 14.75" W x 4.5" D

N3R-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. 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	CMB-STD	8 Zone Electronic Master Box, Standard NEMA1 Enclosure, +24VDC Powered
99722	CMB-PSE	8 Zone Electronic Master Box, Power Supply Enclosure, AC Line Powered
99723	CMB-N3R	8 Zone Electronic Master Box, NEMA 3R Enclosure, +24VDC Powered
91386	CMB-RET	Retrofit Kit for Mechanical Master Box (Retrofit Kit includes 8 Zone Electronic Master Box +24VDC powered mounted on a Subplate with Wiring and Install Instructions.) Contact Customer Service for your specific application.

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

Kingfisher Company, inc. 81 Old Ferry Road - Lowell, MA 01854
Phone: 978-596-0214 Fax: 978-596-0217 www.kfei.com