



Kingfisher Company, inc.

Fire Notification Bells



Motorized Bell Features:

- Approvals include: UL Standard 464, Factory Mutual (FM), California State Fire Marshall (CSFM), New York (MEA), and Chicago (BFP)
- Meets OSHA 29 Part 1910.165
- High sound output with low current draw
- Low frequency aluminum shells for better audibility through walls, doors, and other structures
- 6" and 10" shell sizes in 24 VDC
- Integral RFI suppression to minimize included noise on the NAC circuit
- Mounting options for surface, semi-flush, outdoor, and concealed conduit installation
- Built-in trim plate makes semi-flush, mounting simpler and less expensive
- Screw Terminals permit fast in-out field wiring of #12 to #18 AWG wire
- Polarized for DC supervision of NAC circuits
- Operates on filtered or unfiltered DC
- Uses KFWBB-R Backbox for surface mounting, sold separately P/N: 80484



Motorized Bell Description:

The Kingfisher Inc. Series KFMB Motor Bells provide a better engineered motor bell for fire and life safety alarm systems. The Kingfisher Inc. Series KFMB Bells include higher dBA, low current draw, built-in trimplate for semi-flush mounting, low frequency aluminum shells, and low RFI noise. The motor for Series KFMB Bells is a durable, high torque permanent magnet motor selected for its high performance and long life.

AC Bell Description:

The Kingfisher Inc. Series KF43T bells provide the durable operation and dependable performance required for life safety alarm systems.

A complete range of vibrating models is offered in 6" and 10" sizes for 115 or 24-volt AC operation in indoor or outdoor installations. All models provide high sound output with low power consumption. All models are provided with screw terminal inputs for secure in-out field wiring.

Explosion Proof Bell Description:

Kingfisher Inc. Series KFCVX/KFCSX Explosion-Proof Bells have earned the reputation for rugged, reliable performance over years of service in hazardous environments.

These bells are Listed for service in Division One applications, which means that they are designed to operate safely in atmospheres that actually contain the explosive elements in free form (in contrast to Division Two environments, wherein the explosive elements are stored and protected).



KFCSX10-115-R Explosion Proof Bell

AC Bell Features

- Approvals include: UL Standard 464, Factory Mutual (FM), California State Fire Marshall (CSFM)
- Complies with OSHA 29, Part 1910.165
- High sound output with low current draw
- 6" and 10" shell sizes in 115 or 24VAC models
- Integral RFI suppression minimizes induced noise on alarm lines
- Semi-flush mounting to standard 4" square backboxes or surface mounting to King-Fisher Inc. surface backboxes
- Polarized for supervision of alarm lines with screw terminal inputs for fast and secure in-out field wiring of #12 to #18 AWG wire
- Attractive textured finish to enhance appearance and durability
- Uses KFWBB-R Backbox for surface mounting, sold separately P/N: 80484

Explosion Proof Bell Features

- Approvals include: UL Standard 464, Factory Mutual (FM), California State Fire Marshall (CSFM)
- Rugged cast mechanism enclosure
- Available in single stroke and vibrating models
- Available in 24VDC and 115VAC versions
- High sound output with large 10" bell shell
- Outdoors models include protective good and guard
- Does not require backbox

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

Specifications:

| DC Indoor/Outdoor Fire Notification Bells | | | | | |
|---|------------|---------------------|---------------------|---------|--------------|
| Model | Shell Size | Input Voltage (VDC) | Average RMS Current | UL Max* | dBA @ 10 Ft. |
| KFMB-G6-24-R | 6" | 24 | .030 | .040 | 92 |
| KFMB-G10-24-R | 10" | 24 | .030 | .040 | |
| AC Indoor/Outdoor Fire Notification Bells | | | | | |
| Model | Shell Size | Input Voltage (VAC) | Average RMS Current | UL Max* | dBA @ 10 Ft. |
| KF43T-G6-24-R | 6" | 24 | .410 | N/A | 86 |
| KF43T-G6-115-R | 6" | 115 | .085 | N/A | 86 |
| KF43T-G10-24-R | 10" | 24 | .410 | N/A | 88 |
| KF43T-G10-115-R | 10" | 115 | .085 | N/A | 88 |
| AC Explosion Proof Vibrating Outdoor Fire Notification Bells | | | | | |
| Model | Shell Size | Input Voltage (VAC) | Average RMS Current | UL Max* | dBA @ 10 Ft. |
| KFCVX10-115-R | 10" | 115 | .220 | N/A | 90 |
| AC/DC Explosion Proof Single-Stroke Indoor Fire Notification Bells | | | | | |
| Model | Shell Size | Input Voltage (VAC) | Average RMS Current | UL Max* | dBA @ 10 Ft. |
| KFCSX10-115-R | 10" | 115VAC | .125 | N/A | 87 |
| KFCSX10-24-R | 10" | 24VDC | .500 | N/A | 87 |
| AC/DC Explosion Proof Single-Stroke Outdoor Fire Notification Bells | | | | | |
| Model | Shell Size | Input Voltage (VAC) | Average RMS Current | UL Max* | dBA @ 10 Ft. |
| KFCGX10-115-R | 10" | 115VAC | .125 | N/A | 87 |
| KFCGX10-24-R | 10" | 24VDC | .500 | N/A | 87 |



Explosion Proof Bells are Listed for these Hazardous Atmospheres

| CLASS | GROUP | CONTENTS OF HAZARDOUS ATMOSPHERE |
|-------|-------|---|
| I | B | Hydrogen or Gases & Vapors of equivalent hazard such as Manufactured Gas |
| I | C | Ethyl & Ether Vapors |
| I | D | Gasoline, Petroleum, Naphtha, Alcohol, Acetone, Benzene, Lacquer Solvent, Vapors, Natural Gas |
| II | F | Carbon Black, Coal, Coke Dust |
| II | G | Flour, Starch, Grain Dusts |

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ORDERING INFORMATION

| KCi # | Model # | Description |
|--|-----------------|--------------------------------------|
| DC Fire Indoor/Outdoor Notification Bells | | |
| 80294 | KFMB-G6-24-R | Motorized Bell—24VDC, 6" |
| 80295 | KFMB-G10-24-R | Motorized Bell—24VDC, 10" |
| AC Indoor/Outdoor Fire Notification Bells | | |
| 80480 | KF43T-G6-24-R | AC Bell—24VAC, 6" |
| 80482 | KF43T-G6-115-R | AC Bell—115VAC 6" |
| 80481 | KF43T-G10-24-R | AC Bell—24VAC, 10" |
| 80483 | KF43T-G10-115-R | AC Bell—115VAC, 10" |
| AC Explosion Proof Vibrating Outdoor Fire Notification Bells | | |
| 80506 | KFCVX10-115-R | AC Bell—115VAC, 10", Explosion Proof |
| AC/DC Explosion Proof Single-Stroke Indoor Fire Notification Bells | | |
| 80505 | KFCSX10-115-R | AC Bell—115VAC. 10", Explosion Proof |
| 80504 | KFCSX10-24-R | DC Bell—24VDC, 10", Explosion Proof |
| AC/DC Explosion Proof Single Stroke Outdoor Fire Notification Bells | | |
| 80508 | KFCSGX10-115-R | AC Bell—115VAC, 10". Explosion Proof |
| 80507 | KFCSGX-10-24-R | DC Bell—24VDC, 10", Explosion Proof |
| 80294-DTS | | Specification Data Sheet |
| Backboxes | | |
| 80484 | KFWBB-R | Backbox—Weatherproof, Red |

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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