



Description

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

These DC vibrating MB Series Motor Bells are offered in 6" and 10" shell sizes in both 12 and 24 VDC models.

Features

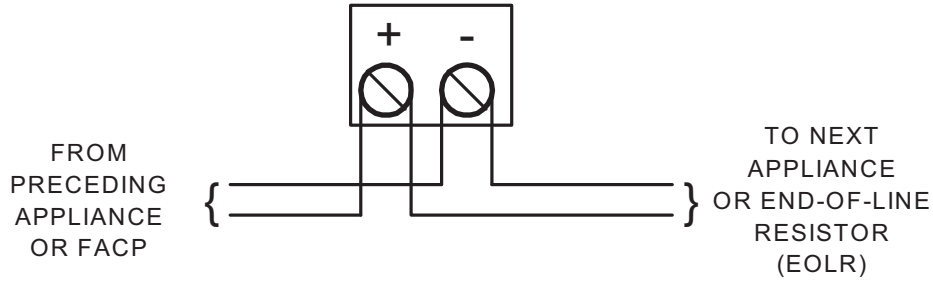
- Approvals include: CAN/ULC-S525-99
- High sound output with low current draw
- Low frequency aluminum shells for better audibility through walls, doors and other structures
- 6" and 10" shell sizes in 12 or 24 VDC models
- Integral RFI suppression to minimize included noise on the NAC circuit
- Mounting 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
- For combined audible (bell) and visual signaling, convenient retrofit plate assemblies are available with Multi-Candela or Single candela strobes

Engineering Specifications

The audible signal appliances shall be MB Series vibrating Motor Bells or approved equal. They shall be ULC Listed for Fire Protective Service. Shells shall be aluminum in 6" or 10" diameter. Sound output at 10 feet shall be 92 dBA @ 10 feet. The bells shall incorporate a permanent magnet motor and provide the necessary suppression to minimize RFI. They shall include a built-in trim plate for semi-flush mounting to standard 4" square backboxes, or surface mounting to the indoor BB backbox or outdoor WBB backbox.



Wiring



Ordering Information

Model Number	Strobe Output (Candela)	Input Voltage (VDC)	Shell Size	Input Current	dBA @ 10 ft.
MB-G6-12-R-ULC	15, 30, 75, 110	12	6"	0.060	92
MB-G6-24-R-ULC	15, 30, 75, 110	24	6"	0.030	
MB-G10-12-R-ULC	135, 185	12	10"	0.060	
MB-G10-24-R-ULC	135, 185	24	10"	0.030	

NOTE: Typical dBA at 10 feet is measured in an anechoic chamber.

NOT TO BE USED FOR INSTALLATION PURPOSES.



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CAT. 5221
 Rev. 5