



FIRE ALARM SYSTEMS

SERIES MB MOTOR BELLS

Description

Wheelock's Series MB Motor Bells provide a better engineered motor bell for fire and life safety alarm systems. The Wheelock Series MB 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 MB Bells is a durable, high torque permanent magnet motor selected for its high performance and long life.

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

Series RSSP Sync/Non-Sync strobe plates are used in conjunction with the Series MB Motor Bell when combination appliances are required. The Series RSSP retrofit plates are available with either Multi-Candela or single candela strobes and easily mount to a 4" square or Wheelock SBL-2 backbox.

The Series RSSP retrofit plates may be synchronized when installed with the Wheelock Series SM, DSM, Sync Modules. Wheelock's synchronized strobes offer an easy way to comply with recommendations concerning photo-sensitive epilepsy.

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 trimplate 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 strobe plate assemblies are available with Multi-Candela or Single candela strobes



SERIES MB



RSSP STROBE PLATE with SBL-2



RSSP STROBE PLATE

Ordering Information

Model Number	Order Code	Shell Size	Input Voltage (VDC)	Input Current	dBA @ 10 Ft.	Mounting Options
MB-G6-12-R	3942	6"	12	0.052	92	D,E,J,K,N,R,S,Z
MB-G6-12-S	4221	6"	12	0.052		
MB-G6-24-R	3941	6"	24	0.028		
MB-G6-24-S	4222	6"	24	0.028		
MB-G10-12-R	3944	10"	12	0.052		
MB-G10-12-S	4223	10"	12	0.052		
MB-G10-24-R	3943	10"	24	0.028		
MB-G10-24-S	4224	10"	24	0.028		

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

Architects and Engineers Specifications

The audible signal appliances shall be Wheelock Series MB 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 trimplate for semi-flush mounting to standard 4" square backboxes, or surface mounting to Wheelock's indoor BB backbox or outdoor WBB backbox.

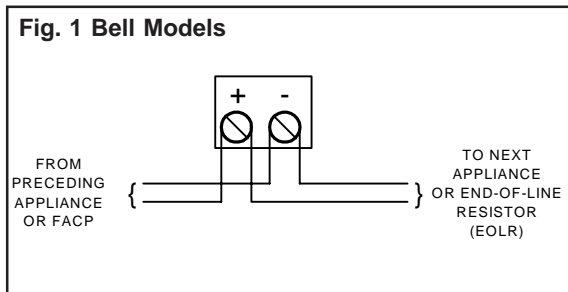
Model Number	Order Code	Nominal Voltage (VDC)	Strobe Candela	*Average Current (AMPS) at listed VDC	**Mounting Options
RSSP-24MCW-FR	9402	24	15/30/75/110	.041/.063/.109/.140	D,E,Z

Note: For more information on the Series RSSP-24MCW-FR, see data sheet S0410C or Installation Instructions P83911.

SYNC MODULES				
Model Number	Order Code	Input Voltage (VDC)	Average Current (AMPS) @ 24 VDC	Mounting Options**
SM-12/24-R#	6369	24	.028	W
DSM-12/24-R##	6374	24	.035	W

*Average Current per actual Wheelock Production Testing at listed VDC. For Rated Average and Peak current across ULC regulated voltage range for both Filtered DC and Unfiltered VRMS, see Installation Instructions
 ** Refer to Data Sheet S7000 for Mounting Options
 #SM Sync Module is rated for 3.0 amperes @ 24 VDC.
 ##DSM Sync Module is rated for 3.0 amperes per circuit. The maximum number of interconnected DSM modules is twenty (20). Refer to Data Sheet S3000C or Installation Instructions P83123 for SM and P83177 for DSM.

Wiring



Wheelock products must be used within their published specification and must be properly specified, applied, installed, operated, maintained and operationally tested in accordance with their installation instruction 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 & ULC), 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 on the requirements of local authority having jurisdiction (AHJ).

Due to continuous development of our products, specifications and offering are subject to change without notice in accordance with Wheelock, Inc. standard terms and conditions.

⚠ WARNING: PLEASE READ THESE SPECIFICATIONS AND ASSOCIATED INSTALLATION INSTRUCTIONS CAREFULLY BEFORE USING, SPECIFYING OR APPLYING THIS PRODUCT. FAILURE TO COMPLY WITH ANY OF THESE INSTRUCTIONS, CAUTIONS OR WARNINGS COULD RESULT IN IMPROPER APPLICATION, INSTALLATION AND/OR OPERATION OF THESE PRODUCTS IN AN EMERGENCY SITUATION, WHICH COULD RESULT IN PROPERTY DAMAGE, AND SERIOUS INJURY OR DEATH TO YOU AND/OR OTHERS.

**WE SUPPORT AND ENCOURAGE NICET CERTIFICATION
 ASSEMBLED IN THE USA
 3 YEAR WARRANTY**

**NATIONAL SALES OFFICE
 800-631-2148
 Canada 800-397-5777
 E-Mail: Info@wheelockinc.com
 http://www.wheelockinc.com**



Distributed By:

273 BRANCHPORT AVENUE • LONG BRANCH, NJ 07740 • TEL: 732-222-6880 • FAX: 732-222-2588