

**Installation Instructions for Catalog Series B-8140-M and B-8141-M
Explosion-Proof Mine Adaptabuzzer**

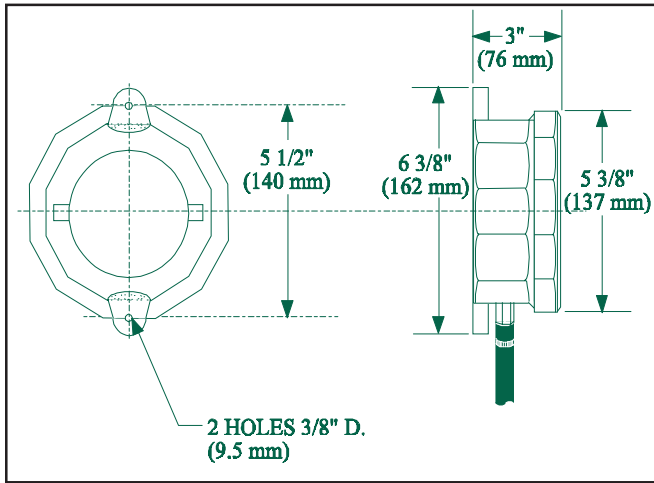


Figure 1. Dimensions

DESCRIPTION

The Edwards Catalog Series B-8140-M and B-8141-M Explosion-Proof Mine Adaptabuzzers are certified by Mine Safety & Health Administration (MSHA) and are suitable for use on permissible mining equipment, Certification #XP-31160. The Mine Buzzers are constructed of heavy cast aluminum and can withstand the constant vibrations associated with all types of mining equipment. AC models are available for stationary mounting locations in areas exposed to coal dust and methane gas.

ELECTRICAL SPECIFICATIONS

Catalog Number*	Volts	Amps	VA	Coil Res. (ohms)
B-8140-M-E5	12 AC 50/60 Hz	1.6	19	3.0
B-8140-M-G5	24 AC 50/60 Hz	1.1	26.4	5
B-8140-M-N5	120 AC 50/60 Hz	.2	23	146
B-8140-M-R5	240 AC 50/60 Hz	.2	23	740
B-8141-M-E1	12 DC	1.6	19	3.0
B-8141-M-G1	24 DC	.8	19	21.5
B-8141-M-P1	125 DC	.2	25	110
B-8141-M-S1	250 DC	.1	25	600

*89 dB at 10 ft

INSTALLATION

WARNING

To prevent electrical shock, ensure power is off before starting installation.

1. Mount the Adaptabuzzer assembly securely to a flat surface in the desired location with (2) screws through the 3/8" (9.5 mm) diameter holes in the housing (Figure 1).
2. Install wiring through the rubber hose attached to the Adaptabuzzer.

NOTE: All external wiring connections are to be completed in MSHA approved junction boxes.

3. Connect wires using wire nuts (supplied) in accordance with the applicable local codes.
4. Connect green ground wire to external ground.

MAINTENANCE

WARNING

Ensure that all power is off before performing maintenance.

1. Inspect the unit at least once a year for damage or wear.
2. Inspect all electrical and mechanical components for internal corrosion or wire discoloration.

NOTE: When reassembling fixture, make certain that the threads and taper joint between housing and brass cover are clean.