



Installation Instructions BM45 Series

Installation Options:

NOTE: Vertical mounting is necessary for proper operation.

Install the BM45F Series on the outside of the bin wall. The unit must be mounted vertically with the diaphragm facing toward the center of the bin. Before mounting, determine the desired location of the unit, then cut a five inch hole in the side of the bin. Do not warp or bow the mounting plate when screwing to the bin wall. Use to shim the unit if mounting to a uneven surface.

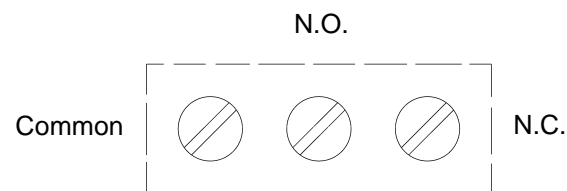
The BM45R Series mounts on the inside of the bin wall, with the diaphragm facing toward the center of the bin. Secure with four screws.

NOTE: When installing the BM 45 in locations where moisture or moist air could enter the enclosure through the electrical conduit, use a duct seal compound to seal the conduit opening.

Wiring Instructions:

The BinMaster housing has provisions for connection to a 1/2 inch conduit. Remove the back plate of the BM45. This will expose the single pole double throw snap-switch. The switch rating is: 15A @ 125VAC, 10A @ 250VAC, 1/8 HP-125VAC, 1/4 HP-250VAC, 1/2A @ 125VDC.

There are three terminals on the switch: "Common", "Normally Open", and "Normally Closed". The condition referred to as "normal" is with no material covering the diaphragm of the BM45



Examples:

A. The BinMaster switch may be used to control a motor start relay. To wire the BinMaster switch to stop the motor when material covers the diaphragm, use the "Common" and "Normally Closed" switch terminals.

B. To wire the BinMaster switch to turn on a light, or sound an alarm when material covers the diaphragm, use "Common" and "Normally Open".

Safety Warning: The BM45 Series is not approved for use in combustible dust. Use the BM65 Series for such applications.



Division of Garner Industries
7201 No. 98th Street P. O. Box 28709
Lincoln, NE 68507 Lincoln, NE 68529
(402) 434-9102 Fax (402) 434-9133
www.binmaster.com