



## Installation Instructions BM65 Series

### Installation Options:

NOTE: Vertical mounting is necessary for proper operation.

Install the BM65F 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 BM65R Series mounts on the inside of the bin wall, with the diaphragm facing toward the center of the bin. Secure with four screws.

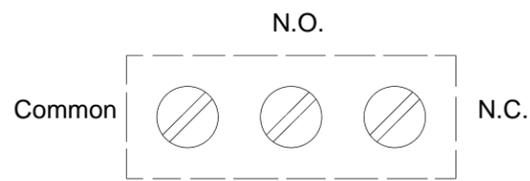
NOTE: When installing the BM 45 in locations where moisture or moist air could enter the enclosure through the electrical conduit, use a duct seal compound to seal the conduit opening.

### Wiring Instructions:

The BinMaster housing has provisions for connection to a 1/2 inch conduit.

Remove the back plate of the BM65. 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 BM65



### 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:** When using in atmospheres containing combustible dust, the wiring to this unit must conform to the National Electrical Code for Class II, hazardous locations. Contact a qualified electrician.



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