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DOOR AND FRAME PREPARATION

☐ DOOR AND FRAME MUST BE PREPARED IN ACCORDANCE WITH THE APPROPRIATE TEMPLATE.

☐ ELECTRIC HINGES ARE NON-LOAD BEARING AND MUST BE MOUNTED IN THE **CENTER HINGE POSITION**.

☐ DO NOT ATTEMPT TO DISASSEMBLE HINGE. HINGE MUST BE INSTALLED ASSEMBLED.

☐ **IF HINGE IS DISASSEMBLED, MANUFACTURER'S WARRANTY WILL BE VOID**.

☐ WIRE ACCESS HOLES MUST BE FREE OF BURRS AND SHARP CORNERS. CHECK TO MAKE SURE THAT HINGE FITS FREELY INTO PREP. TO AVOID DAMAGING AND OR SHORTENED LIFE, DO NOT FORCE HINGE INTO PREP HOLES. HANG THE DOOR ON THE TOP AND BOTTOM HINGES FIRST (NOTE THESE ARE NONELECTRICAL HINGES).

INSTALLATION

☐ ATTACH WIRES IN ACCORDANCE WITH PROJECT WIRING DIAGRAMS.

☐ OPEN DOOR TO 90 DEGREES OR MORE FOR ACCESS TO JAMB PREPS.

☐ EXTRACT INTERIOR WIRING THROUGH THE PREP HOLES FROM THE DOOR AND JAMB.

☐ TERMINATE WIRE CONNECTIONS WITH APPROPRIATE CRIMP SPLICERS OR WIRE NUTS.

☐ DO NOT HANG HINGES BY WIRES DURING INSTALLATION OR SERIOUS DAMAGE COULD OCCUR.

☐ INSULATE ALL ENDS OF UNUSED WIRES.

☐ AFTER ALL TERMINATIONS ARE COMPLETE, CAREFULLY SLIDE WIRES THROUGH PREP HOLE MAKING SURE THAT WIRES ARE PLACED SO THEY WILL NOT BE CUT OR PINCHED AS HINGE IS INSTALLED.

INSTALLATION INSTRUCTIONS FOR MAGNETIC MONITORING HINGE MODELS

BOMMER STANDARD WEIGHT STEEL MODEL BB5060 (EM)
BOMMER STANDARD WEIGHT BRASS MODEL BB5061 (EM)
BOMMER STANDARD WEIGHT STAINLESS MODEL BB5062 (EM)

BOMMER HEAVY WEIGHT STEEL MODEL BB5064 (EM)
BOMMER HEAVY WEIGHT BRASS MODEL BB5065 (EM)
BOMMER HEAVY WEIGHT STAINLESS MODEL BB5066 (EM)

(EM) MAGNETIC MONITORING HINGE

NOTES: DOOR & FRAME should be prepared per the **CORRECT** Template.

- ☐ Steel Hinges for interior use only. Mounted in the center hinge location non-load bearing.
- ☐ Brass and Stainless Steel Hinges for interior and exterior use.
- ☐ Install BB5060-MB-1 MORTAR GUARD on mortar filled frames.

FAILURE TO INSTALL MORTAR BOX (BB5060-MB-1) GUARD WILL VOID MANUFACTURER'S WARRANTY.

SWITCH TYPE: SPDT Magnectic Reed Switch with color coded wire leads.

- ☐ Use **White** (common) and **Green** wires to complete a circuit when the door is **opened**.
- ☐ Use **White** (common) and **Red** wires to complete a circuit when the door is **closed**.

SWITCH CAPACITY:

Voltage	Resistive or Inductive Load
6	.25 amps
12	.25 amps
24	.125 amps

NOTE: The gap between the butt edge of the door and the jamb with **door** in the **closed** position must not **exceed 3/16"**.

APPLICATION PROCEDURE

After pre-drilling the door and jamb with clearance holes per the **CORRECT** Template connect the switch wires as requried by the application (closed circuit or open circuit, see switch type) and insert the switch casing into the jamb. Secure to jamb with screws provided. The magnet casing can then be inserted into the door. The magnet can be adjusted in the magnet casing to allow for the correct setting required for the application. Secure to door with screws provided.