



BOMMER INDUSTRIES, INC.  
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## DOOR AND FRAME PREPARATION

- DOOR AND FRAME MUST BE PREPARED IN ACCORDANCE WITH THE APPROPRIATE THROUGH WIRE TEMPLATE.
- THROUGH WIRE TYPE HINGES ARE NON-LOAD BEARING AND MUST BE MOUNTED IN THE CENTER HINGE POSITION ONLY.
- 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 THROUGH WIRE HINGE MODELS

- BOMMER STANDARD WEIGHT STEEL MODEL BB5060 (ETW04), (ETW06), (ETW08), (ETW10), (ETW12).
- BOMMER STANDARD WEIGHT BRASS MODEL BB5061 (ETW04), (ETW06), (ETW08), (ETW10), (ETW12).
- BOMMER STANDARD WEIGHT STAINLESS MODEL BB5062 (ETW04), (ETW06), (ETW08), (ETW10), (ETW12).
- BOMMER HEAVY WEIGHT STEEL MODEL BB5064 (ETW04), (ETW06), (ETW08), (ETW10), (ETW12).
- BOMMER HEAVY WEIGHT BRASS MODEL BB5065 (ETW04), (ETW06), (ETW08), (ETW10), (ETW12).
- BOMMER HEAVY WEIGHT STAINLESS MODEL BB5066 (ETW04), (ETW06), (ETW08), (ETW10), (ETW12).

## APPLICATION PROCEDURE

FOR USE WITH 4, 6, 8, 10, 12 WIRE CONCEALED ELECTRIC THROUGH-WIRE HINGES.

STEEL HINGES FOR INTERIOR USE ONLY.

BRASS AND STAINLESS STEEL HINGES FOR INTERIOR AND EXTERIOR USE.

INSTALL BB5060-MB-1 MORTAR GUARD ON MORTAR FILLED FRAMES. **FAILURE TO INSTALL MORTAR GUARD WILL VOID MANUFACTURER'S WARRANTY.**

## ELECTRICAL RATINGS

EACH WIRE RATED 50 VOLTS AC/DC AT 3.5 AMPS (MAX.) CONTINUOUS.

WIRE GAUGE SIZE: 28 AWG (TYPICAL FOR ALL MODELS SHOWN).

