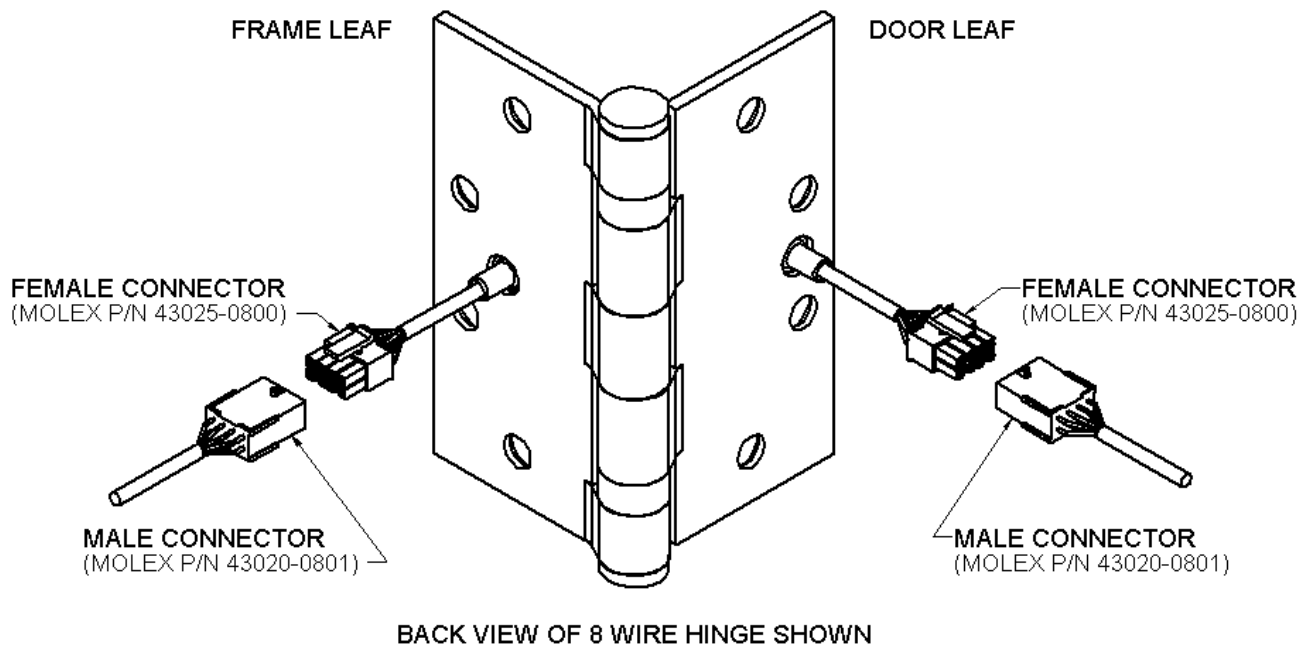


II – 1100-10

INSTALLATION INSTRUCTIONS ACSI MODEL 1104-LC, 1106-LC, 1108-LC, 1100-10-LC & 1100-12-LC HINGES



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 302-03-03 7" MORTAR GUARD ON MORTAR FILLED FRAMES. FAILURE TO INSTALL MORTAR GUARD WILL VOID MANUFACTURER'S WARRANTY.

WIRE SPECIFICATIONS:

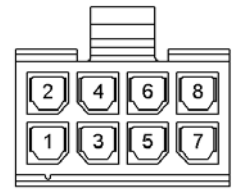
- 28 GAUGE STRANDED WIRE WITH PTFE INSULATION WHICH MEETS UL 1371.

ELECTRICAL RATINGS:

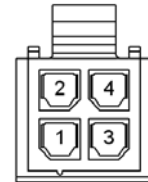
- EACH WIRE RATED 50 VOLTS AC/DC AT 3.5 AMPS (MAX.) CONTINUOUS, OR 16 AMPS (MAX.) PULSE.
- MAXIMUM PULSE WIDTH: 400 msec.
- MINIMUM "OFF" TIME BETWEEN PULSES: 10 SECONDS

WIRE TERMINATIONS:

| WIRE POSITIONS | 4 WIRE | 6 WIRE | 8 WIRE | 10 WIRE | 12 WIRE |
|---|--------------|--------|--------|---------|---------|
| 8 PIN CONNECTOR (FEMALE-MOLEX P/N 43025-0800, MALE-MOLEX P/N 43020-0801) | | | | | |
| PIN 1 | RED | X | X | X | X |
| PIN 2 | YELLOW | X | X | X | X |
| PIN 3 | VIOLET | X | X | X | X |
| PIN 4 | GRAY | X | X | X | X |
| PIN 5 | WHITE/RED | | X | X | X |
| PIN 6 | WHITE/YELLOW | | X | X | X |
| PIN 7 | WHITE/VIOLET | | | X | X |
| PIN 8 | WHITE/GRAY | | | X | X |
| 4 PIN CONNECTOR (FEMALE-MOLEX P/N 43025-0400, MALE-MOLEX P/N 43020-0401) | | | | | |
| PIN 1 | BLACK | | | X | X |
| PIN 2 | GREEN | | | X | X |
| PIN 3 | ORANGE | | | | X |
| PIN 4 | BLUE | | | | X |



(MOLEX PART NUMBER 43025-0800)
(2, 4, 6, AND 8 WIRE HINGE CONNECTOR)



(MOLEX PART NUMBER 43025-0400)
(10 AND 12 WIRE HINGE CONNECTOR)

DOOR AND FRAME PREPARATION:

- DOOR AND FRAME MUST BE PREPARED IN ACCORDANCE WITH THE APPROPRIATE THROUGH WIRE HINGE TEMPLATE.
- WIRE ACCESS HOLES MUST BE FREE OF BURRS AND SHARP CORNERS.
- HANG THE DOOR ON THE TOP AND BOTTOM NON-ELECTRICAL HINGES FIRST.
- THROUGH-WIRE TYPE HINGES ARE NON-LOAD BEARING AND MUST BE MOUNTED IN THE CENTER HINGE POSITION ONLY. TO AVOID DAMAGING AND/OR SHORTENED LIFE, DO NOT FORCE HINGE INTO PREP HOLES.
- DO NOT ATTEMPT TO DISASSEMBLE HINGE. HINGE MUST BE INSTALLED ASSEMBLED. IF HINGE IS DISASSEMBLED, MANUFACTURER'S WARRANTY WILL BE VOID.

INSTALLATION:

- TERMINATE JAMB AND DOOR WIRES IN ACCORDANCE WITH PROJECT WIRING DIAGRAMS.
- OPEN DOOR TO 90° OR MORE FOR ACCESS TO JAMB PREPS.
- EXTRACT INTERIOR WIRING THROUGH THE DOOR AND JAMB PREP HOLES.
- TERMINATE WIRE CONNECTIONS AT THE HINGE BY MATING MALE CONNECTORS TO FEMALE CONNECTORS.
- **DO NOT HANG HINGE BY WIRES DURING INSTALLATION OR SERIOUS DAMAGE TO HINGE MAY OCCUR.**
- AFTER ALL TERMINATIONS ARE COMPLETED, CAREFULLY SLIDE WIRES THROUGH PREP HOLE MAKING SURE THAT WIRES ARE PLACED SO THEY WILL NOT BE CUT OR PINCHED AS HINGE IS INSTALLED.

