

DEVICES COVERED IN THIS DOCUMENT: CONCEALED ELECTRIC THROUGH WIRE HINGES WITH QUICK CONNECT

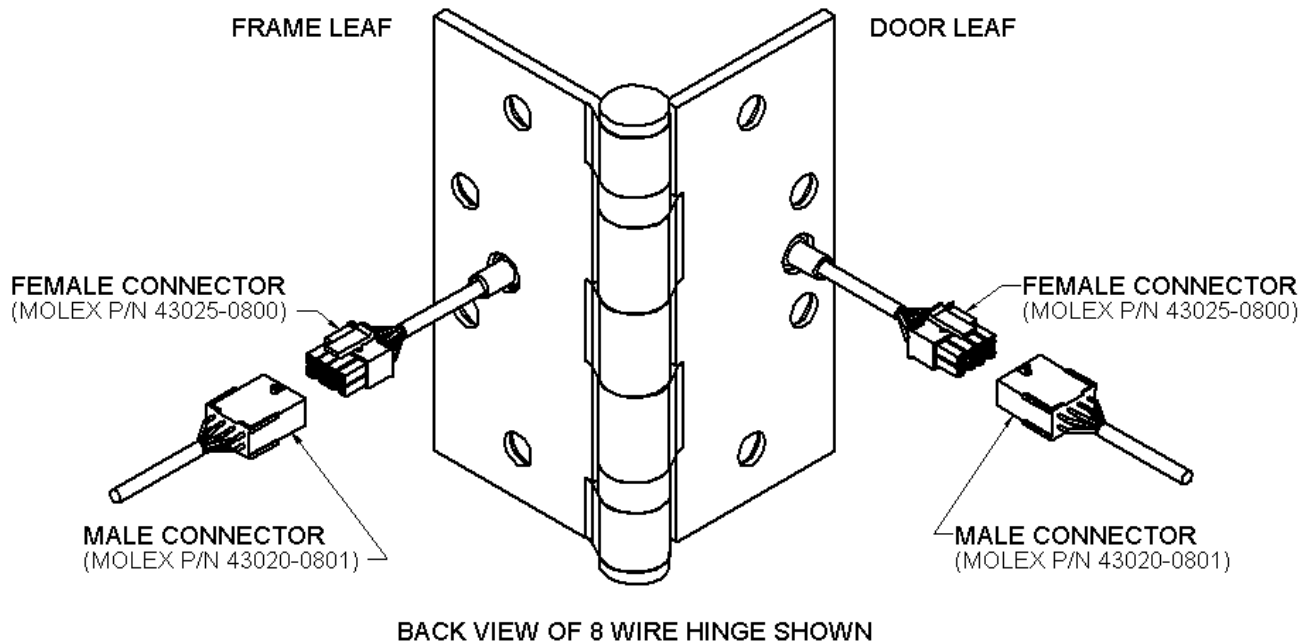
ETW-4-QC

ETW-6-QC

ETW-8-QC

ETW-10-QC

ETW-12-QC

**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 HAGER 430 7" MORTAR GUARD ON MORTAR FILLED FRAMES. FAILURE TO INSTALL MORTAR GUARD WILL VOID MANUFACTURER'S WARRANTY.

WIRE SPECIFICATIONS:

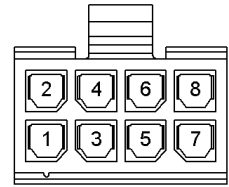
- 28 GAUGE STRANDED WIRE WITH PTFE INSULATION WHICH MEETS UL 1371.

ELECTRICAL RATINGS:

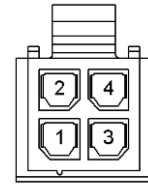
- EACH WIRE RATED 50 VOLTS AC/DC AT 3.5 AMPS (MAX.) CONTINUOUS OR 16 AMPS (MAX.) PULSE.
- MAXIMUM PULSE WIDTH: 400 msec.
- MINIMUM "OFF" TIME BETWEEN PULSES: 10 SECONDS

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.