ELECTRIC HINGE INSTALLATION INSTRUCTIONS
CONCEALED ELECTRIC THROUGH-WIRE
1104, 1106, 1108, 1100-10, 1100-12

Model Descriptions:
1104: 4 wire, 28ga
1106: 6 wire, 28ga
1108: 8 wire, 28ga
1100-10: 10 wire, 28ga
1100-12: 12 wire, 28ga

Electrical Specifications:
Each 28ga through-wire rated:
- 3.5A continuous @ 50VAC/DC
- 16A pulse @ 50VAC/DC
- 400msec maximum pulse-width
- 10sec minimum off-time between pulses

Notes:
- Steel hinges are for interior use only.
- Brass and stainless steel hinges are for interior or exterior use.
- Do not disassemble the hinge as it will damage the hinge and void the warranty.
- Through-wire hinges are non-load bearing and must be mounted in the center position.

Door and Frame Preparation:
- Install a 7” mortar guard (part# 302-03-03, sold separately) in the electric hinge position on mortar filled frames or void the warranty.
- Door and frame must be prepared in accordance with the model's hinge template.
- Wire access holes must be free of burrs.
- Verify the hinge fits freely in the door and frame preparation before beginning installation.

Installation:
- Hang the door on the top and bottom hinges first (load bearing, non-electrical hinges).
- Extract the interior wiring from the prepared holes in the door and frame.
- Terminate the wire connections with appropriate crimp splices or wire nuts for individual wires or by mating female connectors (hinge) to male connectors (door and frame).
  - Do not hang the hinge by wires during installation or serious damage may occur.
- Insulate all ends of unused wires.
- After all terminations are completed, carefully insert the wires into the prepared holes making sure they will not be cut or pinched as the hinge is installed.

Optional Connectors:
- ASSA Electrolynx
- Allegion Connect
- Hager Quick Connect

SEE FIGURE ABOVE FOR WIRE COLORS