



ELECTRIC PIVOT INSTALLATION INSTRUCTIONS

CONCEALED ELECTRIC THROUGH-WIRE AND EXPOSED MAGNETIC MONITOR

Model Descriptions:

- 1102: 2-22ga wires
- 1102x4: 2-22ga wires, 4-26/28ga wires
- 1104: 4-26/28ga wires
- 1106: 6-26/28ga wires
- 1108: 8-26/28ga wires
- 1100-10: 10-26/28ga wires
- 1100-12: 12-26/28ga wires
- 1182: 2-18ga wires
- 1182x4: 2-18ga wires, 4-26/28ga wires
- 1182x6: 2-18ga wires, 6-28ga wires
- 1110: 3-22ga monitor wires
- 1114: 4-26/28ga wires, 3-22ga monitor wires
- 1116: 6-26/28ga wires, 3-22ga monitor wires
- 1118: 8-26/28ga wires, 3-22ga monitor wires
- 1110-10: 10-28ga wires, 3-22ga monitor wires

Electrical Specifications:

- 22ga, 26ga, and 28ga through-wire rated:
 - 3.5A continuous @ 50VAC/DC
 - 16A pulse for 400msec, 10sec min off-time between pulses
- 18ga through-wire rated:
 - 10A continuous @ 50VAC/DC
 - 20A inrush for 4sec, 10sec min off-time between pulses
- Monitor Switch contacts rated: 0.3A @ 28VDC

Optional Connectors:

- ASSA Electrolynx
- Allegion Connect
- Hager Quick Connect

Monitor Switch



Notes:

- Steel pivots are for interior use only.
- Brass and stainless steel pivots are for interior or exterior use.
- Do not disassemble through-wire pivots as it will damage the pivot and void the warranty.
- Non-load bearing through-wire pivots must be mounted in the center position.

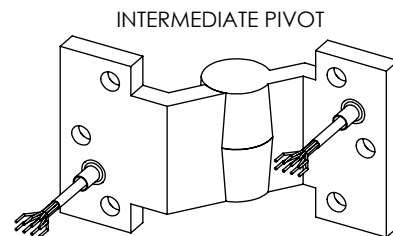
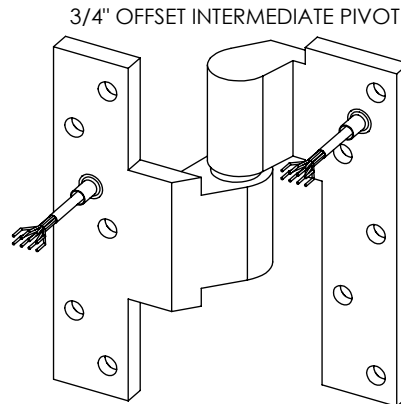
Door and Frame Preparation:

- Door and frame must be prepared in accordance with the model's pivot template.
- Wire access holes must be free of burrs.
- Verify the pivot fits freely in the door and frame preparation before beginning installation.

Installation:

- For non-load bearing through-wire pivot installations, hang the door on the top and bottom pivots first (load bearing, non-electrical pivots).
- Extract the interior wiring from the prepared holes in the door and frame.
- Terminate the wire connections with appropriate crimp splices or wire nuts.
 - **Do not hang the pivot 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 pivot is installed.

NON-LOAD BEARING PIVOTS



LOAD BEARING PIVOTS

