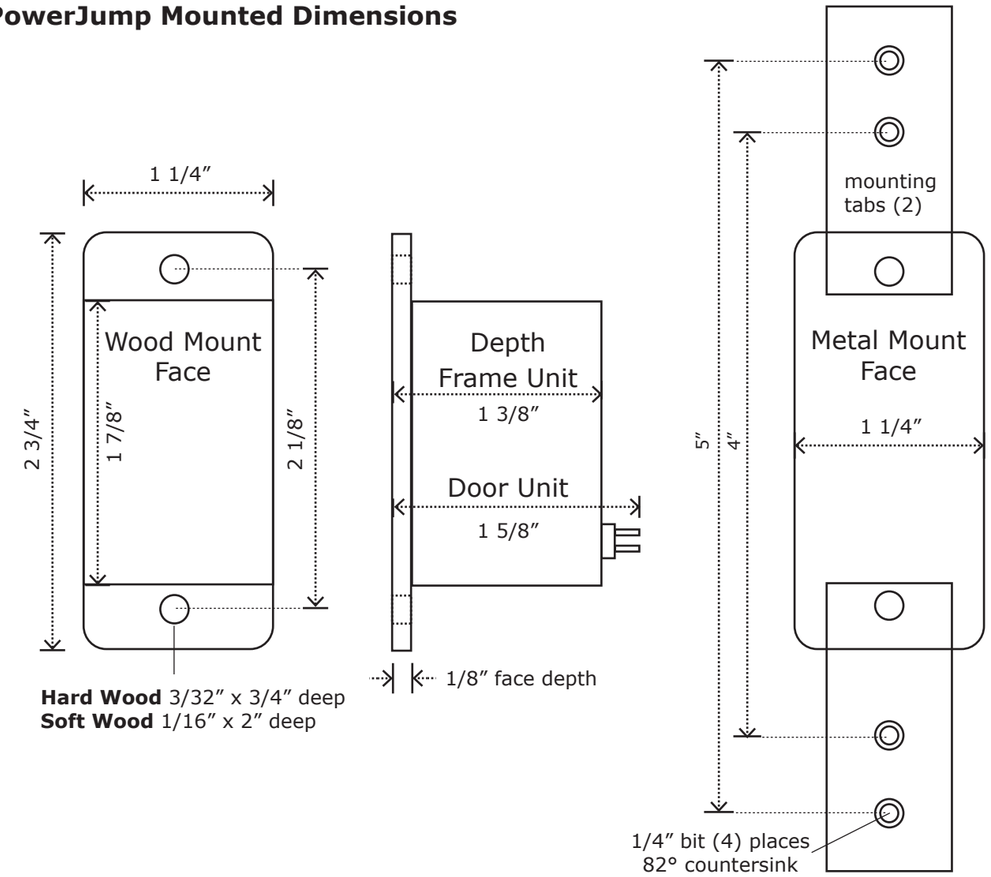
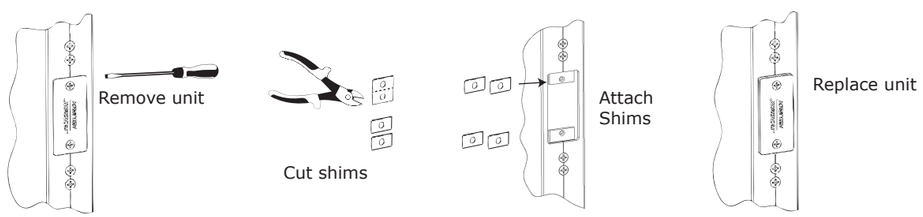
## PowerJump Mounted Dimensions




**Hard Wood** 3/32” x 3/4” deep
**Soft Wood** 1/16” x 2” deep

## Troubleshooting:

Check voltage at frame side unit is within 24V +/- 10%
Check voltage on door side with door closed and unit under load with flying leads
Check air gap between faces is 3/16” or less. Frame side unit can be shimmed outward to improve performance.




**Questions about Installation?**
Contact Securitron at: 1-800-MAGLOCK (800-624-5625)

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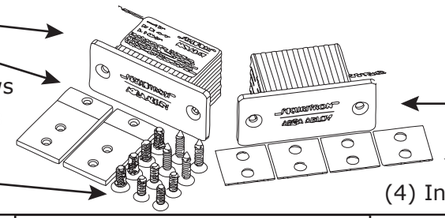
# PowerJump™ ICPT Installation Instructions

## Package Contents

How does it work?
Scan the QR code for an online video

Door side unit (red wire)
(4) Metal mounting tabs
(8) 10/32 flathead machine screws
(4) 8/32 flathead machine screws
(4) #8 1” wood screws
(4) #8 2 1/8” wood screws



Frame side unit (purple wire)
(8) Metal mounting spacers
(4) Installation templates (not shown)

| Recommended Tools | Metal Mounting Tools: | Wood Mounting Tools: |
|---|---|---|
| Screwdriver, drill, center punch<br>wire nuts (22 gauge), tape<br>Door Wedge | Rotary tool with cutting wheel<br>1/4” metal drill bit<br>82° countersink bit | Wood chisel and hammer<br>3/32” and 1/16” wood drill bits<br>1” Auger bit |

## Specification

| | |
|---|---|
| Input power at frame side: | 500mA at 24V DC |
| Output power (selectable voltage) at door side: | 250mA at 24V DC or 500mA at 12V DC |

Operating temperature: 32 to 120 F / 0 to 49 C
Maximum gap between faces: 3/16”
Compatibility: PowerJump does not support LBM, REX or other signals from the lock

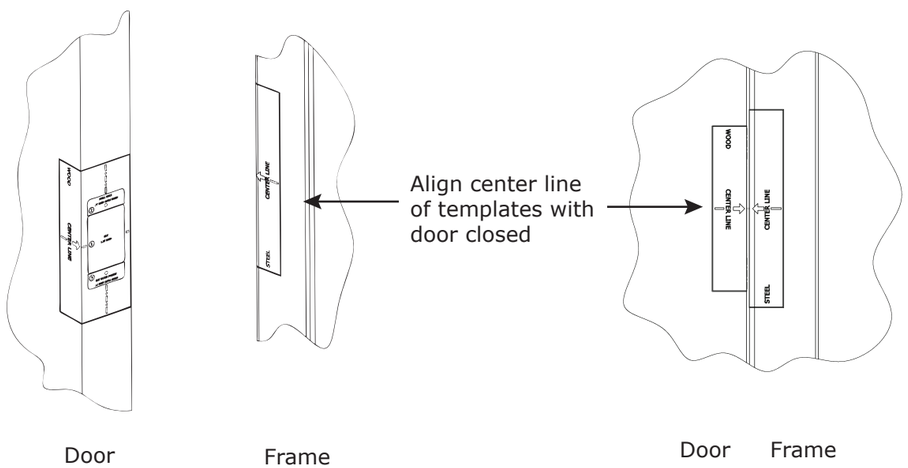
## Overview

The PowerJump ICPT transfers power across a door gap through magnetic inductive coupling.

## Installation Steps

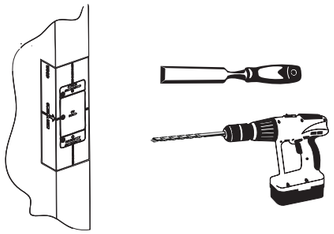
**Step 1**: Survey installation site
Unit may be installed on latch side, hinge side, top or bottom of door. Note the ICPT requires a depth of 1 3/8” in the frame and 1 5/8” in the door.

**Step 2**: Select the template matching your door and frame material. Apply the templates as shown at the desired mounting location. Make sure the center line arrows are aligned when the door is closed.



**Step 3:** Installing in a **WOOD** door or frame

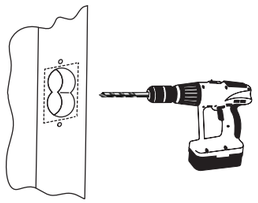
**Wood A:** Carefully tap a chisel through the template to score the finish. Pre-Drill (2) mounting holes according to wood type.

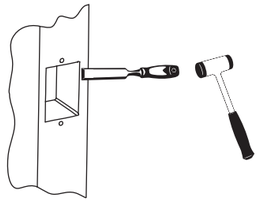


Hard Wood: 3/32" bit, 3/4" deep
Soft Wood: 1/16" bit, 2" deep

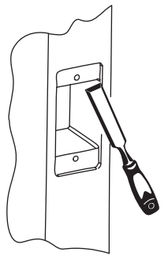
**Wood B:** Carefully drill out the pocket with the auger bit, to a depth of 1 5/8"
Use a wood chisel to straighten the sides
Be careful not to damage the surface

Tip: mark the auger bit with tape at a depth of 1 5/8"
Drill to this depth

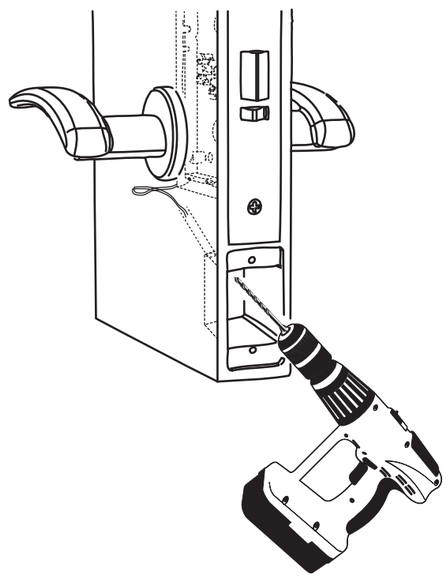




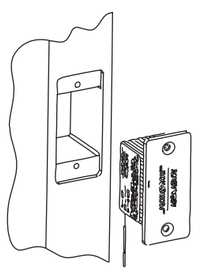
**Wood C:** Cut relief for faceplate using a chisel to a depth of 1/8"



**Wood D:** Drill a wiring channel for connection to the device to be powered



**Wood E:** Test fit the unit into the pocket and file if needed







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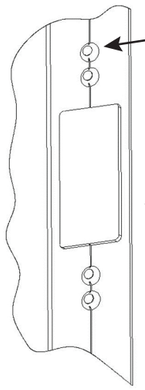
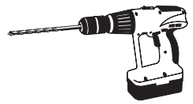
**Step 4:** Installing in a **METAL** door or frame



**Metal A:** Drill (4) mounting tab holes with 1/4" drill bit countersink with 82° bit

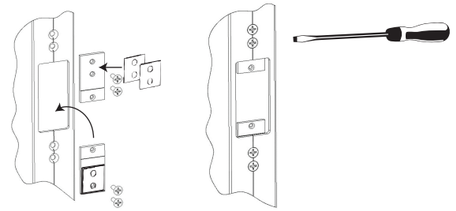


**Metal B:** Cut main pocket with rotary tool using a metal cutting wheel or a metal cutting saw

**Metal C:** Test fit and file opening

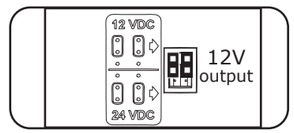
**Metal D:** Install mounting tabs using (4) 10/32 screws.
Attach adhesive spacers as needed to mount the unit flush with the frame

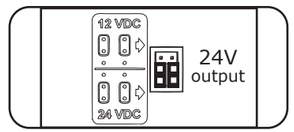
Tip: For 18 gauge metal use (2) of the included spacers



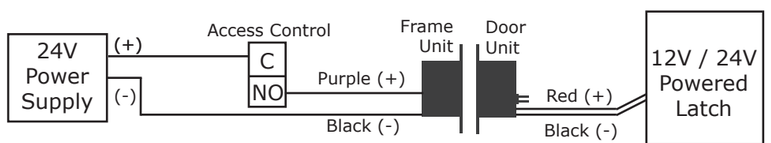
**Step 5:** Voltage Selection and Wiring

**a)** Select output voltage of 12V or 24V. Move the two jumpers as shown:

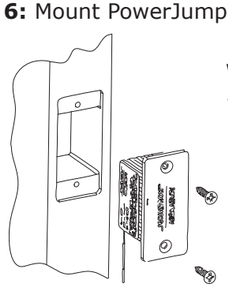



**b)** Supply 24V DC power to frame unit. Connect purple wire to positive (+) and black wire to (-). Connect door side electrified device via wiring channel, connect red wire to (+) and black wire to (-)

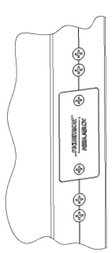



**Step 6:** Mount PowerJump



**Wood:** Use (2) #8 wood screws

Hard Wood: 1" Screws
Soft Wood: 2 1/8" Screws



**Metal:** Use (2) 8/32 machine screws to mount to tabs