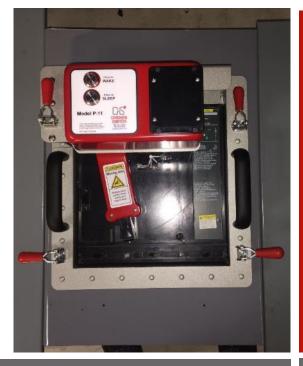
# CS\* CHICKEN SWITCH

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#### Take Safety Further.



P11 Remote Switch Actuator

> Full Part Numbers: P11-W (wireless) P-11-30C (cabled)

# For: Square-D "P-frame" molded case breakers

#### www.marteklimited.com/P-11

#### **Product Introduction:**

Model P-11 is designed to work exclusively with Square D low voltage "Pframe" molded case circuit breakers, such a PAF, PAL, PEF, PXF, etc.

The P-11 installs easily and accurately by aligning with the perimeter of the breaker. Four lever-operated neodymium magnets hold the actuator firmly in place. The actuator's operating arm straddles the close/trip handle of the circuit breaker.

The P-11 is constructed with all metal components. A micro-controller based control system constantly monitors the position of the actuator's arm, as well as providing motor protection functions.

#### This unit includes:

The P-11 comes standard with everything you'll need to operate your breaker including: the actuator, wireless hand-held controller, 30-foot cable, Pelican-brand carrying case, instruction manual, and custom lithium battery that has been tested to achieve over 1500 operations before needing replaced.

#### **Options:**

- Wireless control system (standard offering)
- Cabled version available with:
  - 30-foot control cable
  - 50-foot control cable
- Alkaline battery pack (required for air/Next Day shipments)
- Anti-Rotation Studs (Required for certain breaker set-up)







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### **PB11 Specifications:**

| Voltage                                   | P11 – 22.5VDC and 3.0VDC (custom designed battery available in Lithium or Alkaline. See Section 3.0 for more details)   |
|---|---|
|   | RTL1 – 9VDC   |
| Lithium Battery (when supplied)           | 17 cells, (each cell is Ultimate Lithium Energizer L91)   |
|   | Output Voltage – 22.5VDC and 3.0VDC   |
|   | Battery net weight – 0.27kg   |
|   | Lithium Disulfide (Li/FeS2) content – less than 17g total   |
|   | Operating and Storage Temperature -40F to 140F (-40C to 60C)  |
|   | Shelf Life 20 years at 21C  |
|   | Designation (per cell) ANSI 15-LF, IEC-FR14505 (FR6)  |
|   | See Section 3.0 for additional information  |
| Magnets                                   | Four magnets, each rated @55.1 lbs force, 12,600 gauss  |
| Wireless Transmitter (P11-W version only) | Operating frequency 2.4Ghz, 1mW output. 50-foot range (line of sight).  |
| ·····,,,                                  | Transmitter and actuator are paired so that the transmitter can only operate the actuator that has been paired with it. Pairing is factory programmed and is not user programmable. |
| Projected Life                            | 10,000+ operations  |
| Carrying case                             | Manufactured by Pelican with the following features:  |
|   | Vortex® pressure equalizing valve   |
|   | Impact absorbing corners  |
|   | Chemical resistant, corrosion resistant, airtight, watertight, dustproof, crushproof  |
|   | Exterior Dimensions 24.60" x 19.70" x 11.70" (L x W x H)  |
| Weight                                    | P11 Actuator – 13.0lbs / 5.9kg  |
|   | Complete Kit with carrying case – 31lbs / 14.1kg  |

#### Attaches in seconds.

- 1. Position actuator frame around the breaker with the actuator arm over the breaker handle.
- 2. Engage the 4 lever magnets on each corner of the actuator frame.

NOTE: If your P frame breakers are flush-mounted or recessed within the switchgear enclosure, 2 studs will need permanently mounted on the immediate enclosure for each breaker. This provides anti-torque support for the actuator while

<u>Contact:</u> sales@marteklimited.com 800-248-4958



