



MarTek Limited
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P11

Remote Switch Actuator

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

For:
**Square-D “P-frame”
 molded case breakers**

Take Safety Further.

www.marteklimited.com/P-11

Product Introduction:

Model P-11 is designed to work exclusively with Square D low voltage “P-frame” molded case circuit breakers, such as 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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Arc Flash Safety

PB11 Specifications:

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Voltage	P11 – 22.5VDC and 3.0VDC (custom designed battery available in Lithium or Alkaline. See Section 3.0 for more details)
Lithium Battery (when supplied)	RTL1 – 9VDC 17 cells, (each cell is Ultimate Lithium Energizer L91) Output Voltage – 22.5VDC and 3.0VDC Battery net weight – 0.27kg Lithium Disulfide (Li/FeS ₂) 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

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