



Model ZPCI Universal Inverting Phase Coupler

DESCRIPTION

When installed in conjunction with Universal Powerline Bus (UPB) home automation products, Universal Inverting Phase Couplers make a highly reliable system even better.

Unlike conventional phase couplers, the Universal Inverting Phase Coupler compensates for inverted signals reflected back from street-side power distribution transformers. Inverted signals can have a canceling effect on source signals even when using conventional phase couplers. This issue is eliminated with the ZPCI and every Inverting Phase Coupler added to a home increase the signal strength between phases. A Universal Inverting Phase Coupler is recommended on every main power panel and sub-panel in a residence to ensure maximum signal strength.

Besides UPB signals, these Universal Phase Couplers also pass X10 and broadband frequencies, and thus are able to address mixed technology applications with only one device per home.

Each unit also has built-in surge suppression.

Universal Inverting Phase Couplers are designed with LEDs that indicate proper connection and operation.

Models include:

- **Model ZPCI-B** – Breaker-box Mount Universal Inverted Phase Coupler is designed to be mounted inside most standard power centers that have available space for a 220V circuit breaker.
- **Model ZPCI-W** – Wire-in Universal Inverted Phase Coupler is designed for mounting inside a junction box

SPECIFICATIONS

Operating Voltage: two-phase, 120VAC +/-10% per phase
Voltage Suppression: 500V L-N, 900V L-L
Peak Surge Current: 27,000A per phase
Operating Temp: -40° - 50°C
Physical:

ZPCI-B

Dimensions: 3.67"H x 1.97"W x 2.58"D (93 x 50 x 66mm)
Weight: 7 oz (184g)
Mounting: breaker box

Compatibility: Cutler-Hammer, Square D Homeline®, Murray, GE

ZPCI-W

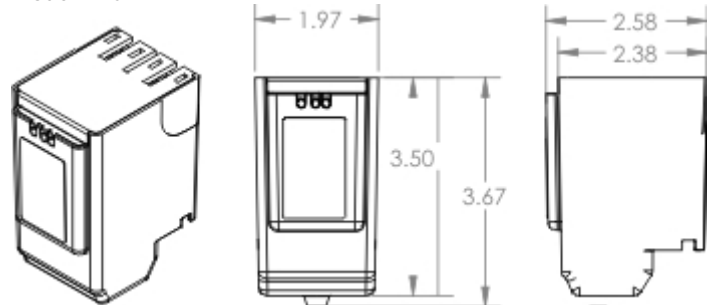
Dimensions: 4.10"H x 1.75"W x 1.44"D (104 x 45 x 37mm)
Weight: 3.8 oz (108g)
Mounting: standard junction box



Model ZPCI-B – Breaker-box Mount Universal Phase Coupler
Model ZPCI-W – Wire-in Universal Phase Coupler

DIMENSIONS

Model ZPCI-B



Model ZPCI-W

