



The X-10 PRO 3-phase 250A Signal Blocking Coupler is designed to attenuate (at a rate of 30:1) X-10 power line carrier signals from crossing from one household to another via the AC wiring. The coupler/blocker is installed between the meter and the breaker panel, using the Copper Neutral between the two. The unit may be used in single, dual or three phase installations. For best results a PZZ01 should be installed at both homes experiencing the signal crossings.

Unique features of the design include its ability to efficiently couple X-10 signals between phases, the elimination of any direct connections to the power company-side wiring and the elimination of heavy current carrying inductors, resulting in a very compact design.

Note: Installation must be carried out by qualified electricians only. The main breaker must be turned off during installation and the filter must be installed in a suitable workbox or equivalent enclosure. Check local Electrical Codes in your area for any additional installation requirements. A jumper on the PZZ01 is needed from L3 to L2 when installing into a split-phase panel.

Installing the 250A Filter

- Switch off the power at the main breaker panel.
- Install the filter into a suitable workbox or equivalent enclosure using the four mounting slots
- Disconnect the neutral cable running between the meter and the breaker panel/fuse box. Pass the cable through the channel in the filter and re-connect it. (Maximum 250 Amp Copper)

Note: If the cable is not long enough, use a new cable of the correct type and rating. Do not attempt to extend the cable by joining it. The cable must be passed through the filter in the correct direction as indicated by the label on the side of the filter.

- Connect the N terminal on the filter to neutral in the breaker panel using minimum 15A wire.
- Install a minimum 15A breaker or fuse in the breaker panel on phase 1 and connect it to the filter terminal marked L1 using minimum 15A wire.
- Install a minimum 15A breaker/fuse to phases 2 and 3 as required and connect to terminals 2 and 3 on the filter.
- Check all wiring and switch on the main breaker.