

The PROlink900 transformer is a single core, industrial strength appliance. When activated, the PROlink900 can create an initial amperage spike that may cause the existing residential grade 10,000 AIC rated circuit breaker to trip into the off position. This is especially true when the transformer is mounted 15 feet or closer to the house electrical panel. The initial electrical surge is referred to as “inrush”.

The solution to nuisance circuit breaker tripping due to inrush is to install a “high magnet” style circuit breaker on the circuit dedicated to the PROlink900 Transformer. High magnet (HM) circuit breakers are less sensitive to electrical “inrush” and recommended for applications where high initial inrush current may occur such as a pump motor or appliance.

There are several manufacturers of HiMag circuit breakers. We recommend the Siemens Q120H but any breaker that is a HiMag style will work. These breakers have a model number that ends with an H, HM or HQ. They are usually stocked (or in quick-ship status) by electrical supply houses like CED or Graybar.

Again, this problem only happens when the PROlink900 is located very close to the house breaker panel and the breaker is residential quality. This is not a problem with the PROlink300 or the PROlink600.