

BLOCKER® STRAY VOLTAGE ISOLATORS

The RONK Blocker® helps control the unwanted problem of stray voltage. Stray, or neutral-to-earth (NE) voltages are an ongoing problem in many areas supplied from single-phase multi-grounded services. This is especially a problem when current levels on the grounding system are above the perception threshold for either animals or humans.

The Blocker® operates directly on the principles of magnetic saturation and does not depend on external controls or internal logic signals, which makes the unit react instantaneously with immediate protection. When installed between the primary and secondary neutrals of the supply transformers, it “blocks” primary neutral voltage from entering the secondary neutral circuit and the systems grounding conductors. This maintains electric service safety while suppressing “off premise” stray voltage.

FEATURES AND BENEFITS

- Maintains a physical connection between primary neutral and secondary neutral
- Fails shorted if the applied current and/or voltage exceeds peak limits
- Designed and manufactured in the USA
- Units encased in lightweight NEMA 3R all aluminum enclosures
- Can be easily installed and maintained
- Available in 11 and 22 volt models

TYPICAL APPLICATIONS

- Dairy and poultry farms
- Swine parlors
- Feeder and confinement operations
- Swimming pools and fountains
- Water systems
- Residences

