

# Improve service continuity with Eaton's Pad-Mounted NOVA Reclosers



## Eaton's Pad-Mounted NOVA Recloser

The Pad-Mounted NOVA Recloser is an electronically controlled, automatic circuit recloser that features solid di-electric vacuum interruption in a mild steel enclosure design that provides protection from the elements—like weather, tampering or rodents. This proactive approach enables the recloser to function as true pad-mount equipment that increases safety, reliability, protection and controls.

### Key features

- **Flexible design** with either single or three-phase vacuum interruption or switching to automatically protect and isolate faulted electrical distribution systems
- **Enhanced safety** with a true dead-front construction
- **Protection for your investment** against transformer high-side damage—transformer primary or secondary protection utilizing internal voltage and current monitoring
- **Increased reliability** of pad-mounted equipment (e.g. weather and rodent proof, tamper resistant)
- **Customized cabinet design** with options for metering and communication
- **Easy installation** with self/line power using a power transformer as a control power transformer

- **Galvanized and stainless steel enclosure** options available for harsh environments
- **Flexible overcurrent protection scheme**—either Eaton Form 6 or SEL 351/651 controller. Optional safety upgrades including stadium lighting in an OSHA-compliant package

### Why choose Eaton

- **Safety**—true dead-front construction, option for Eaton's Clear™ visible break
- **Customization to meet your unique needs**—ability to add arrestors, flexible options for voltage and current sensing
- **Superior vacuum design** based on proven technology
- **Flexibility design of enclosure** to meet customer footprint

### A solution for a variety of situations

Eaton offers Pad-Mounted NOVA Reclosers to support customer needs from 15kV to 38kV applications. Eaton offers three-phase switching or single-phase switching or interruption.

- 15 kV Pad-Mounted NOVA
- 25 kV Pad-Mounted NOVA
- 38 kV Pad-Mounted NOVA

Each Pad-Mounted NOVA Recloser makes use of several patented technologies that allow it to be a top performer in the market. Coupled with the cycloaliphatic-epoxy encapsulation, a high-performance vacuum interrupter and

automated microprocessor, the Pad-Mounted NOVA Recloser operates at a highly efficient level. In addition, the Pad-Mounted NOVA Recloser units are controlled by a single Form 6 recloser control that can be programmed for three operating modes. Finally, the solid polymer insulation is highly resistant to ozone, moisture, contamination, ultra-violet light, and tracking. In combination with the dual-coil actuator, the Pad-Mounted NOVA Recloser provides years of rugged performance.

### Eaton's turnkey services

Eaton's modernization and turnkey services place personnel in the field to complete a variety of undertakings such as, managing your reconditioning, upgrade or modernization project from start to finish. With more than 900 highly trained professionals in 80 locations throughout the U.S. and Canada, we have the local, national, and international capabilities to provide a range of electrical, civil and mechanical equipment services. This broad range of service capabilities has established Eaton as a leader in the engineering service industry.

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Powering Business Worldwide

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