



## Cooper Power series NOVA recloser with 200:1 CT ratio to interface with ETN controls now available

DER and utility intertie initiatives using ETN controls are supported with lower minimum trip values



This option provides a lower minimum trip setting feature for applications where a low set point for phase and ground protection are required.

This capability was previously only available for NOVA reclosers utilizing the Form 6 recloser control. The new option extends this capability to NOVA reclosers utilizing ETN controls.

This new option can be applied to the standard NOVA/ETN recloser/control packages or the NOVA KWIK recloser program with the ETN-651 control.

The electrical and mechanical ratings for the NOVA recloser remain unchanged. The only difference with this option is that the standard 1000:1 ratio CTs are replaced with 200:1 ratio CTs.

The lower minimum trip values that can be achieved with this new option are:

- Phase protection of 10 primary amps
- Ground protection of 5 primary amps

### Applications

- Distributed Energy Resource (DER) applications such as solar generation and microgrids
- Utility intertie/common coupling to the utility grid



Powering Business Worldwide

## Eaton's Cooper Power series NOVA recloser

Eaton's Cooper Power series NOVA three-phase, electronically controlled, vacuum-interrupting automatic circuit reclosers provide reliable, economical overcurrent protection, advanced metering and automation systems for distribution circuits rated through 34.5 kV.

The NOVA recloser combines solid cycloaliphatic-epoxy polymer-encapsulated vacuum interrupters with a reliable, lightweight operating mechanism that utilizes a magnetic actuator to provide a lifetime of trouble-free operation.

- Highly resistant to ozone, oxygen, moisture, contamination and ultraviolet light
- Vacuum interruption using Axial magnetic field offer extended and increased duty cycles
- Alternating minor and major skirts to increase creepage
- Magnetic actuator for fast closing and opening operations
- Auxiliary- or control-powered operation
- Three-phase ganged operation

Compact and lightweight, NOVA reclosers are easily installed on poles or in substations. Mounting equipment is available for both pole and substation applications.

Recloser and control accessories enable further tailoring of the protective program to achieve maximum system operating flexibility.

Eaton offers a strong combination of technical capabilities and application knowledge and support.

Eaton has been the industry leader for more than half a century with extensive application expertise, backed by world-wide systems engineering knowledge and experience including field Application Engineers and 24-hour factory technical support.

### Ratings

Voltage (Kv)	Continuous (A)	Interrupting(kA) ①	BIL (kV) ②
15	630	12.5	110
	800	12.5	110
27	630	12.5	125
	800	12.5	125
38	630	12.5	170
	800	12.5	170

① 16 kA rating available for 15 kV and 27 kV.

② Extended BIL option available for 15 kV and 27 kV.



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