

A smarter grid requires an intelligent recloser

Eaton's Cooper Power™ series NOVA™ NX-T recloser with Form 6 control



Built on decades of industry leadership, the NOVA NX-T recloser delivers:

- Enhanced sensing performance
- Proven reliability
- Simplified configuration and use

The NOVA NX-T recloser builds on the proven solid epoxy and vacuum interrupter technology of the NOVA platform

All key components—the robust actuator mechanism, the integrated resistive voltage sensors, the weather-resistant cable connector system and the 360-degree position indicator—are purpose built.

Benefits

- Voltage sensing magnitude accuracy of $\pm 2.0\%$ for the complete integrated system and over the full rated temperature range
- 38999 Series IV connectors provide unsurpassed protection from weather elements
- Large, reflective open/close position indicators visible from any angle even at night
- Standard frame for all pole configurations
 - Tri-mount
 - In-line
- Standardized site-ready options reduce installation time and cost
- Multiple control options available
- More configuration options available from the factory
- Mechanical interlock for enhanced safety
- Universal junction box simplifies cable connections and access
- Compact, lightweight design for easier handling and installation
- Unique 16 kA rating for 15 kV and 27 kV applications with six integrated sensors

Applications

- Single- or three-phase operation
- Tie point
- Loop schemes
- Substation
- Feeder automation
- Sectionalizing
- Distributed generation

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.



Powering Business Worldwide

Why use the NOVA NX-T recloser system?



The NOVA NX-T recloser provides the most flexible recloser platform in the industry, with design innovations to optimize reliability, performance and usability. The NOVA NX-T recloser is supported by the Form 6 control, which uses an intuitive yet powerful platform design to provide optimum protection and functionality and simple interactive graphical interfaces.

NOVA NX-T recloser

- Improved SAIDI/SAIFI metrics
- Common platform for multiple applications
- Multiple control options

Accessories

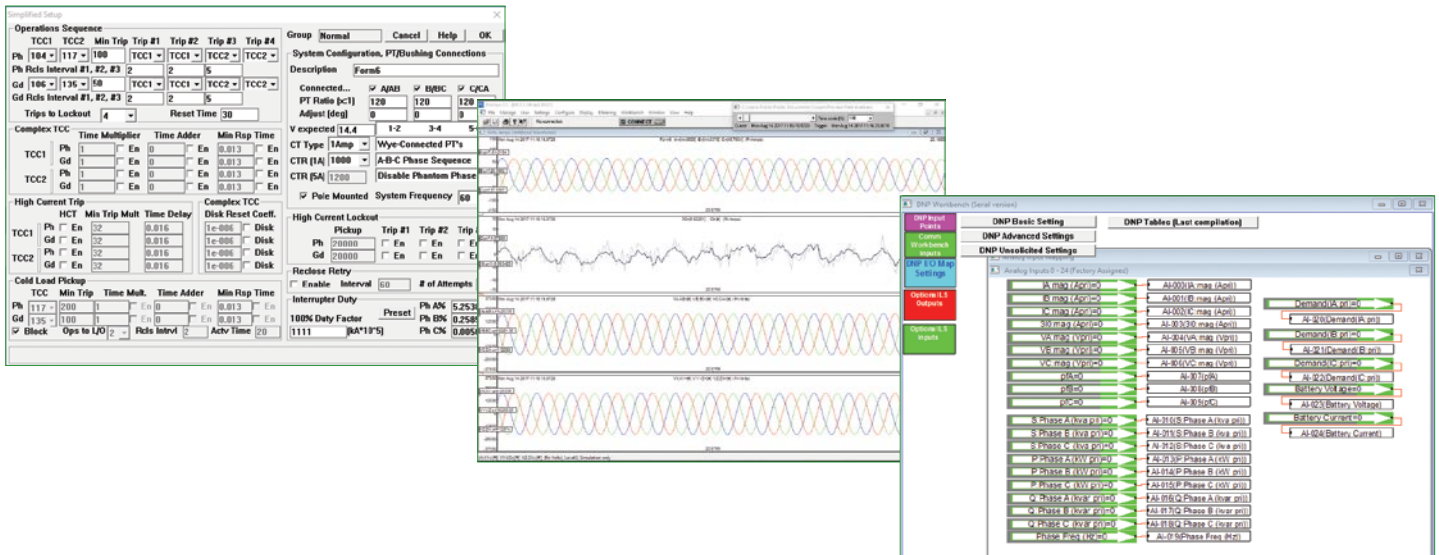
- Terminals
 - Eyebolt (standard)
 - 2- or 4-hole flat pad
 - Stud-style, 1.125 threaded terminals
- Wildlife guards—snap-fit installation
- Arresters/PTs or mounting provisions
- Source/load-side voltage sensors
- 5 A auxiliary switch
- Factory assembly options—phase/ground leads and full site-ready configurations
- Extended BIL
- Substation frames/brackets

Form 6 recloser control

- 37-pin quarter-turn latch connector system provides visual indication of connection and positive tactile latching at the recloser and control
- New single connection point for optimum reliability
- Multiple communication options
- ProView™ Idea Workbench™ software tool for custom logic

Accessories

- Communications
 - RS-232
 - RS-485
 - Ethernet wire
 - Ethernet fiber
 - Single-mode fiber
- Automation provisions
- GFCI convenience outlet
- Stainless steel
- Cable receptacle options
- Cable locking sleeves



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