Maximum functionality and ultimate user configurability

The ultimate choice for distribution protection—with the powerful Form 6 control, one platform provides uniform design, programming and training.

Distribution protection

Eaton's Cooper Power™ series Form 6 control is designed to be a flexible, easy-to-use control that has been built to the specifications of utility crews, service technicians and field operators. It provides important service restoration operations, with instant access to operating functions to quickly determine the status of a device, locate faulted phases, check counters, and find other critical information.

Form 6 control is ideal for a variety of substation applications including:

- Main feeder protection
- Industrial service entrance
- Cogeneration inter-tie
- Automation via PeerComm™ communication protocol
- Distribution automation via integration with Cooper Power Series Substation Modernization Platform™ (SMP) line of products
- Portable substation

The versatile Form 6 control can be used in the following line applications:

- Main line sectionalizing
- Automatic reconfiguration
  - PeerComm communication protocol automation
  - Loop sectionalizing
- Sectionalizing laterals
- Power quality monitoring

Form 6 control is available in various mounting configurations including:

- Pole mount
- Yard mount
- Rack mount
  - Single
  - Single loop scheme
- Pole-mount loop scheme

Form 6 control can be used with the following protection equipment:

- Reclosers
  - NOVA™
  - NOVA triple-single
  - RXE
  - RVE
  - WE
  - WVE
  - VWE
  - VWVE
  - VSA
  - VSO
  - PWE
  - PWVE
- Pad-mounted switchgear (custom applications)
- Breakers (with 5A input or 1 A CT inputs)

Powering Business Worldwide

Take control of power quality with Eaton's knowledge-based data analysis tools—designed to improve power quality

Use one control for multiple applications: ProView™ software supports maximum flexibility and the highest performance standards.

Easy to use: Complex control schemes are easy with the Idea Workbench™ feature and detailed help files.

Test your protection logic: Simulate different fault events to test virtual responses prior to field exposure with the Virtual Test Set™ feature.

- **Oscillography**
  Simultaneously monitors the integrated performance of a recloser and the control, showing user-defined cycles before and after a trigger point
- **Oscillography replay**
  Previews how the control will behave for the same fault with altered settings to reduce future fault occurrences
- **Data profiler**
  Can be customized for sample rate and metering forms like weekly load profiles, daily harmonic disturbances or hourly voltage fluctuations
- **Sequence of events log**
  Provides detailed reporting of system operations, including current and voltage values for a minimum of 90 events. The last five events are conveniently displayed in the front panel LCD for easy access
- **Duty cycle monitor**
  Measures and records duty for each phase to accurately predict contact life of recloser interrupters and can be adjusted or reset if recloser is changed or serviced
- **Application diagram**
  Saves troubleshooting costs by allowing you to quickly view your system in one window where active logic elements of the control and distribution system are displayed
- **Comprehensive metering**
  Reduces operating costs by providing accurate load current measurements to balance feeders, improves system planning with real-time data reports, and increases efficiency through quick fault location and identification

For Eaton's Cooper Power series product information, visit **www.eaton.com/cooperpowerseries**

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