

Advanced loop scheme functionality to improve system performance



Reliability you can trust in an easy-to-use, fully configurable system. Reduce system outages and lower restoration costs through system monitoring and automation of distribution feeders. Extra reliability is achieved when the control senses the loss of voltage and performs the programmed action to restore service to the affected feeder. The Form 6 Triple-Single/LS microprocessor-based, pole-mount recloser control is designed for use in distribution feeder loop sectionalizing schemes in feeder applications.

Eaton's Cooper Power™ series Form 6 Triple-Single/LS (TS/LS) control is designed for use with three NOVA™-TS Triple-Single reclosers or one NOVA STS Single-Tank Triple-Single recloser. The control includes extensive system protection functionality, including phase, ground, and negative sequence overcurrent protection; over/underfrequency; voltage protection; and sync check.

Flexibility—customization options

- **Time current curves**—modifiable for multiple applications with TCC Editor II, high current lockout, fast trip disabled, sequence coordination and cold load pickup
- **Communication options for better flexibility and control**—all with the latest technology for communication protocol support
- **Removable inserts**—for customizing specific protection requirements
- **Idea Workbench™ software functionality**—to customize the Form 6 control for specific and unique applications

Reliability—performance you can count on

- **Protection profiles**—four profiles capable of fully specifying control operation are standard
- **Sequence of events recorder**—oscillography and sequence of events time-stamping for up to 33 event types

- **System monitoring**—instantaneous/demand metering, data profiler, recloser duty monitor and fault location
- **Manual close delay**—provides a delay from the time the manual CLOSE button is pushed to the time the manual close operation is performed
- **Thermostatically controlled heater**—standard on pole-mount and yard-mount styles

Control—the features you want

- **Security**—multiple programming passwords and viewing codes limit access to authorized personnel
- **Multi-function device**—frequency and voltage protection with synchronism check supervision of close commands
- **Multiple profiles**—for maintaining system coordination from multiple sources

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Printed in USA
Publication No. PA280013EN / Z19458
Supersedes: B280-08014
May 2017

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