

Automatic loop sectionalizing to improve grid performance and lower outage rates



The control that delivers increased system reliability and automatic reconfiguration.

The Form 6-LS microprocessor-based, pole-mount recloser control is designed for use in distribution feeder loop sectionalizing schemes, with the reliable automation tools you need for substation and line applications.

Eaton's Cooper Power™ series Form 6-LS pole-mount recloser control provides extensive system protection functionality, including phase, ground and negative sequence overcurrent protection; over/underfrequency protection, 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
- **Discrete SCADA communications**—provides five configurable output status contacts and three configurable input control contacts
- **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
- **Event recording**—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

Note: Form 6-PA-LS control applies to Form 6-LS controls for use with W, VS and auxiliary-powered NOVA™ reclosers. Form 6 PB-LS applies to control-powered NOVA reclosers.

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