

## Viper<sup>®</sup>-ST Solid Dielectric Recloser

With the ever-increasing demand for electrical energy, utilities, commercial and industrial markets today have been forced to expand and grow. The increased cost of new equipment or maintaining cost with a retrofit, in addition to increased safety, cost of maintenance, ease of replacement and the ability to monitor and manage a network all contribute to the increased demand.

The Viper-ST Solid Dielectric Recloser offers faster installation and site-ready designs. They are maintenance free and automation ready for many applications. Various applications include:

### Polemount Site-Ready Assembly

Preassembly of all auxiliary equipment significantly reduces recloser preparation time for product installation in the field. Includes potential transformers or voltage transformers, arresters, aerial lugs, terminal/junction boxes, wildlife protectors and all associated wiring. Control cables are connectorized on both ends and cut to length for a cleaner installation. User identification markers can be applied to each unit prior to shipment further reducing installation time.



### Substation Mount Recloser

Substation frames are adjustable. Standard frames are galvanized. Stainless steel is available. Custom frames available including conversion for direct replacement of existing reclosers. Dead-tank construction makes it ideal for substation circuit breaker applications and ensures the shielded solid dielectric module is grounded to earth potential.



### Padmount Applications

For applications where space is limited at the substation or where underground feeders require protection, Viper-S solid dielectric reclosers can provide an ideal solution using a dead-front padmount design. There are two different padmount designs, front access and front/back access. The front/back access design offers a "Z" shaped module with works well in confined areas.



### Control Options

Various control options are available for various application requirements. Controls offer:

- Minimum trip for phase, ground and sensitive ground faults
- Numerous pre-programmed and user-defined time current curves for sensing phase or ground faults
- Three independent recloser interval times. Capable of up to four shots to lockout
- Reset time
- Sequence coordination
- Cold load pickup
- Advanced parameters. Refer to control specifications for more details



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