

# MODEL LP2000I

## ELECTRONIC CIRCUIT BREAKER INTERFACE



- Monitoring and control of Line Power electronic circuit breaker
- Remote engaging, tripping and resetting
- Fault status displayed on monitoring screen
- Nonmetallic, high impact molded enclosure. Rated NEMA 1-2-3S-4-4X-12-13, indoor/outdoor applications.

The Model LP2000I Interface provides a means to monitor and control the Line Power Electronic Circuit Breaker on the Pyott-Boone monitoring system. The device screen on the monitoring system will indicate the status of the unit, as well as operating and leakage currents. Statuses include whether the LP 2000 unit is tripped, open (reset) or closed (engaged). The fault condition that would cause a tripped condition on the LP 2000 is indicated on the monitoring system device screen. This interface will also allow the user to reset and re-engage (reclose) the breaker from the master station provided the fault condition no longer exists.

The LP2000I Interface has two different configurations. The first configuration is for the 320-baud Pyott-Boone Monitoring System which includes a LP2000I Interface and a Model 1750A Fiber Optic Link. The two devices connect together with a fiber link to isolate the power center electrical equipment from the monitoring system. The second configuration has an LP2000I Interface connected to a Model 1760 Fiber Optic Link. This configuration is used on 4800-baud Pyott-Boone monitoring systems. Both configurations require the LP 2000 Circuit Breaker to have an RS-485 data line system that uses the Modbus RTU standard. Each LP2000I Interface can operate up to four LP 2000 Circuit Breakers on the same RS-485 line.

