### Automation That Keeps a Handle on System Protection and Control

The Series 24 Serial (Communication) Lock-Out Relay (SLOR) with Certified DNP 3.00 or Modbus expands the functionality of our field proven Series 24 Electric Reset and Self Reset Lock-Out Relay in a single unit.

As an addressable network device, the SLOR provides Remote Trip Capability, Trip Coil Monitoring, Sequence of Events Reporting, System Battery Monitoring and Self-Diagnostic Reporting.

***Most importantly, the SLOR design maintains the reliable hard-wired protective device trip and manual reset functions.***

Note: Manually resetting into a fault can possibly damage the LOR trip coil.

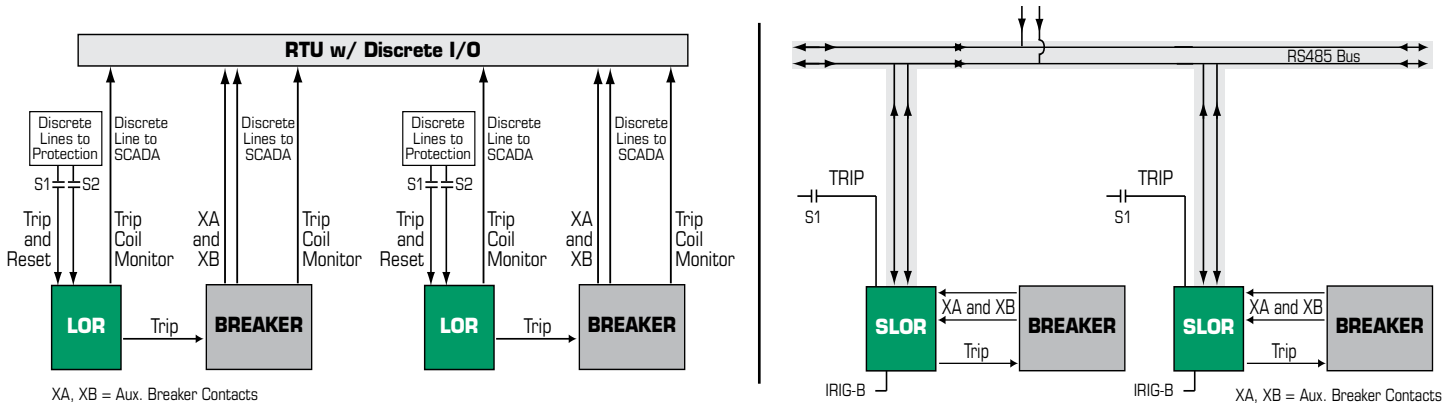

### Features

- Manual Reset
- Construction and Contacting Based on the Field Proven LOR Device
- Mechanical Target Flag
- SLOR Trip Coil Integrity LED Monitors in Either Trip or Reset Position
- Serial Bus XMT/Rec Bicolor LED
- Local/Remote Mode Control with LED Status Indication
- LED Trip Signal Indication
- SLOR Position Status via SCADA
- 2 Additional Auxiliary Monitoring Inputs are Included
- Optional Programmable Self-Reset Timing and Logic

### Cost-Saving Benefits

- Free up RTU Points
- Reduce Point to Point Wiring
- Simplify Testing for Easier Commissioning
- Minimal Training Required
- Simplify Load Shedding Applications
- May Eliminate Separate Devices
  - RTU
  - Discrete Battery Monitors
  - Local/Remote Control Switch
  - Coil Monitoring Lamp
  - Reclosing Relay
- Precise Sequence of Events Log with IRIG-B Input

### Traditional LOR Installation vs New Simplified SLOR Installation




The simplified SLOR installation provides cost savings associated with wiring (wiring errors), testing, and commissioning.

**Other Serial Control Devices From Electroswitch**

***Series 24 SCSR Serial Control Switch Relay (page 58)***

***Series 31 STR Serial Tagging Relay***

***Series 24 SCSR with SCADA Disable***