Apply the SEL-351R with advanced directional overcurrent and frequency elements in new or retrofit recloser control installations.

Plug-In Recloser Control Compatibility
Upgrade existing recloser installations with cost-saving protection, automation, and control features in the SEL-351R Recloser Control, a plug-compatible replacement for Cooper Kyle® recloser controls. Use standard control cables for easy installation. The SEL-351R is independently certified to IEEE C37.60-2003 recloser standards.

“EZ” Settings for Convenient Setup
Expedite commissioning with familiar “EZ” recloser control settings that enable only the settings you need.

Advanced 24 Vdc Battery-Charging and -Monitoring System
Monitor and test the 24 Vdc battery with the 120 Vac battery-charging system. Maximize battery backup duration with the automatic sleep and local wakeup function. There is also a 12 Vdc supply for powering modems and radio communications equipment.

Lightweight Cabinet
Reduce maintenance and prevent corrosion with the lightweight, easy-to-install, painted aluminum cabinet.
Upgrade Existing Recloser Controls
Easily retrofit your existing recloser controls with the SEL-351R, which is plug-compatible with traditional 14-pin Cooper reclosers. “EZ” settings make control setup similar to traditional Cooper recloser controls, eliminating the need to learn new settings. Additionally, the SEL-351R provides event reports that include waveform data with time-coordination element assertion and phasor/sequence element diagrams.

"We chose the SEL-351R because of our need for a single retrofit control with metering and control capabilities for SCADA as well as an underfrequency element for load shedding as mandated by our power pool."
Brad Truitt, Senior Engineer
Western Farmers Electric Cooperative
Automate Your Distribution System

Apply Autosource Transfer Schemes
Maintain reliable power and use the SEL-351R for critical loads that require dual-feeder service. Incorporate intelligence, and only transfer on nonfaulted loads using SEL Mirrored Bits® communications technology.

With Mirrored Bits, communicate securely and share recloser status, source status, and other logic information between SEL-351R Recloser Controls.

Customize the return-to-normal action by incorporating synchronism check for parallel source return, or break-before-make when source voltages are not in phase.
Customize Your SEL-351R

SEL offers a variety of best-in-class accessories to optimize recloser control efficiency and operation. Many accessories can be either factory-installed or supplied as field upgrade kits. A few of these accessories are shown.

**SEL-2401 Satellite-Synchronized Clock**
Provide precise event time for synchrophasor data with the SEL-2401, which has ±100 nanosecond accuracy for automatically updated, exact time.

**SEL-3031 Serial Radio Transceiver**
Combine three serial ports into one radio, allowing up to three different connections and protocols to operate simultaneously. The spread-spectrum radio transmits data in the license-free 900 MHz ISM band, providing an economical communications path or backup communications system.

**SEL-3622 Security Gateway**
Provide automated IED password management and proxy services for critical IEDs to aid in NERC CIP compliance efforts. Save time by remotely managing passwords and accounts in cabinet-mounted recloser controls, without the need to change settings or perform firmware upgrades. The SEL-3622 also acts as a router, IPsec VPN endpoint, and secure, deny-by-default firewall.

**SEL Fault Indicators and Sensors**
Team the SEL-351R with SEL fault indicators to pinpoint exact fault locations, even on lateral feeds.

General Specifications

**AC Current Inputs**

| 1 A nominal | 3 A continuous, linear to 20 A symmetrical; 100 A for 1 second |
| Burden | 0.13 VA @ 1 A, 1.31 VA @ 3 A |

**AC Voltage Inputs**

| 300 V maximum (PT) | 300 V or continuous (connect any voltage up to 300 Vac), 600 Vac for 10 seconds |
| Burden | 0.03 VA @ 67 V, 0.06 VA @ 120 V, 0.80 VA @ 300 V |

**Power Supply**

| Rated range | 85–264 Vac, 100–350 Vdc |
| Frequency range | 40.1–65 Hz |
| Burden | <30 VA |