

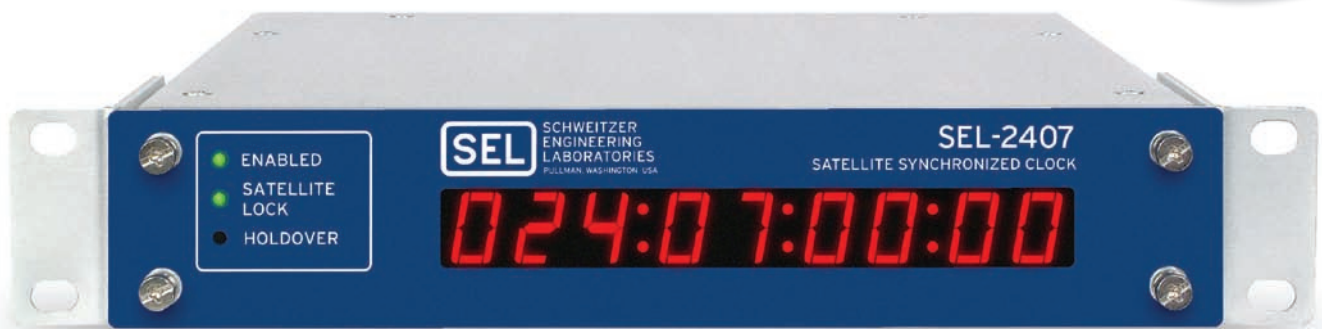


SEL-2407[®] Satellite-Synchronized Clock

Reliable, Accurate, Low-Price Time Source

\$1,500
List Price (USD)

±100 ns



Precise time in harsh environments, at a commercial price.

- Electrical Substations
- Computer Networks
- Airports
- Building Control Centers
- Laboratories
- Government
- Central Clock Systems
- Emergency Call Centers (e.g., 911)
- SCADA Systems
- Radio and TV Stations

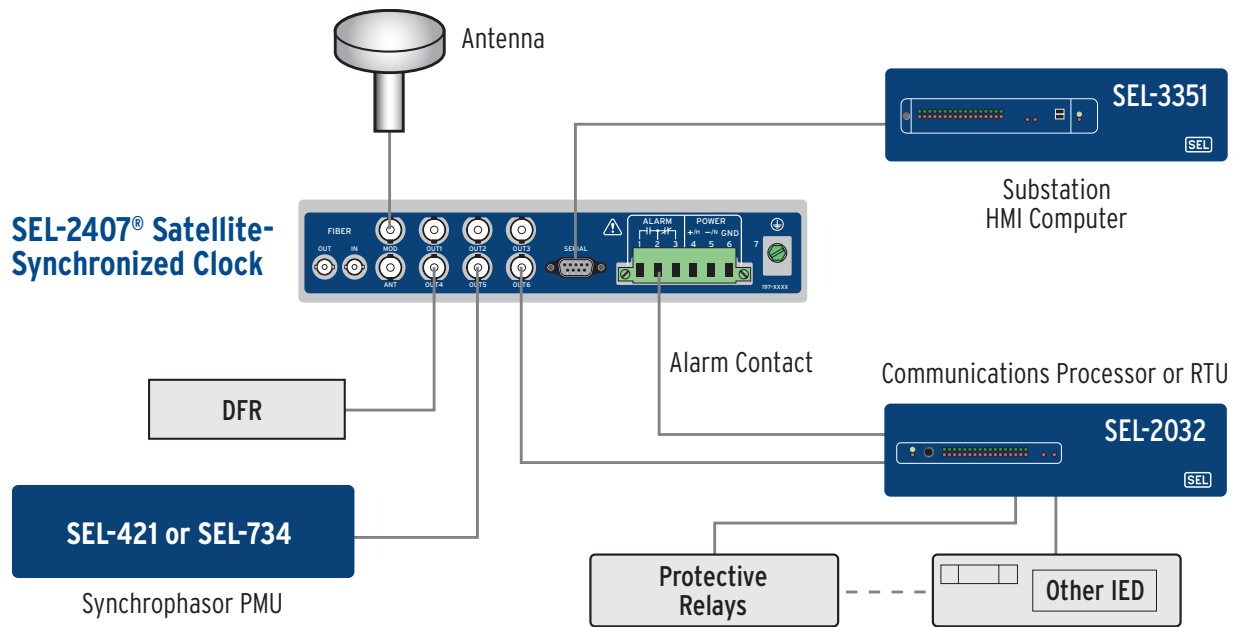
Features and Benefits

- **Reliable—Exceeds IEEE and IEC Relay Standards**
Apply in harsh substation environments. Exceeds IEEE C37.90 and IEC 60255 protective relay standards. Universal power supply operates from 18–300 Vdc and 85–264 Vac. Accurate operation from –40° to +80°C.
- **Accurate**
Apply for synchrophasor, relay event correlation, and other high-accuracy timing needs. Demodulated IRIG-B outputs with ±100 ns accuracy meet requirements for existing and future timing applications.
- **Low Price—High Function**
Provides six demodulated IRIG-B time-code outputs. Three of the six outputs are user-selectable for 1 PPS or 1 kPPS output. Includes built-in display without high-priced options.

Making Electric Power Safer, More Reliable, and More Economical[®]

SEL-2407[®] Satellite-Synchronized Clock

Application Example: Substation Time Source



Specification Summary

Display

LED time display

Time Ports

EIA-232 serial port or optional ST[®] fiber-optic port

One modulated IRIG-B

Three demodulated IRIG-B

Three programmable: demodulated IRIG-B, 1 PPS, or 1 kPPS

Environmental

-40° to +80°C operating temperature

IEEE C37.90 compliant

IEC 60255 compliant

Alarm Contact

Form C, 6 A

Power Supply

18-300 Vdc or 85-264 Vac

Accuracy

Demodulated IRIG-B ± 100 ns average; ± 500 ns peak

Modulated IRIG-B ± 1 μ s peak

PPS output ± 100 ns average; ± 500 ns peak



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