

SEL-2401 Satellite-Synchronized Clock



Accurate Time Wherever You Need It



\$548
List Price (USD)
Includes antenna and feedline

± 100 ns

Apply the low-priced SEL-2401 everywhere you can use accurate time.



Features and Benefits

Reliable—Exceeds IEEE and IEC Relay Standards
Apply in harsh environments, including outdoor control enclosures. Exceeds IEEE C37.90 and IEC 60255 protective relay standards for robustness. Accurate operation from -40° to $+80^{\circ}\text{C}$.

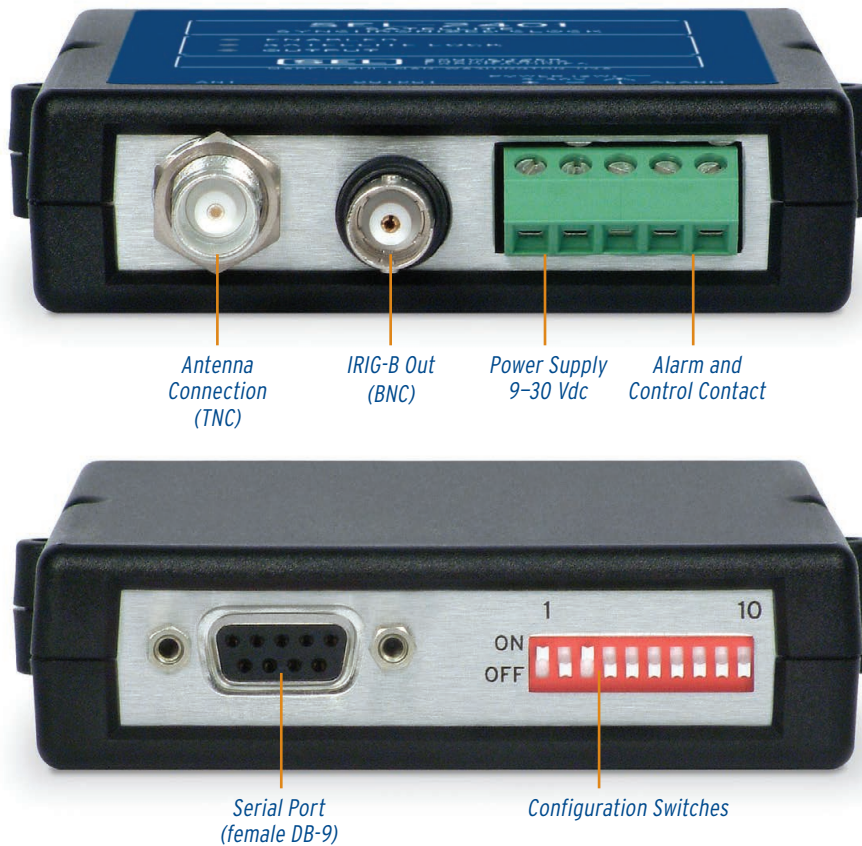
Accurate
Apply for synchrophasor, relay event correlation, and other high-accuracy timing needs. Demodulated IRIG-B outputs with ± 100 ns accuracy meet requirements for existing and future timing applications.

Low Price—High Performance
Ideal for small substations or situations where a high-quality time signal is required.

Control Applications
Use the contact output as a precision trigger for time-coordinated testing, event initiation, or other control functions.

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

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General Specifications

Time Ports

EIA-232 serial port
 One demodulated IRIG-B
 Typical output 120 mA, 3.5 Vdc, into 25 Ω

Environmental

-40° to +80°C operating temperature
 IEEE C37.90 compliant
 IEC 60255 compliant

Alarm Contact

Form A, 0.1 A

Power Supply

Voltage 9-30 Vdc or regulated 5 Vdc
 Burden <2 W

Accessory Power Supply	Input Voltage	Output Voltage
Low-Voltage DC Power Supply SEL-932130X	48/125 Vdc or 125 Vac	5 Vdc
Low-Voltage DC Power Supply SEL-932160X	125/250 Vdc or AC	5 Vdc
Wall AC to 15-Volt Power Supply 230-0604	90-264 Vac	15 Vdc

Accuracy

Demodulated IRIG-B \pm 100 ns average
 \pm 500 ns peak

Dimensions

Height (without DIN mount) 25.4 mm (1.0 in)
 Width 93.35 mm (3.675 in)
 Depth 121.9 mm (4.8 in)



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