SEL-3401

Digital Clock

Display and distribute accurate time in mission-critical applications

- Deploy in control rooms, substations, industrial facilities—wherever time-critical functions require a clock display.

- Connect to an IRIG-B time source and optionally distribute high-accuracy demodulated IRIG-B to other devices.

- Communicate precise time even in challenging industrial environments.

- Read the digital clock display up to 61 m (200 ft) away, even in direct sunlight, with bright 76 mm (3 in) tall LED digits.

SEL

Display and Distribute Accurate Time

Rack- or surface-mount options available

High-visibility 76 mm (3 in) tall LED digits available in red, green, or amber

−40° to +80°C (−40° to +176°F) operating temperature range

SEL SCHWEITZER ENGINEERING LABORATORIES PULLMAN WASHINGTON USA

SEL-3401 DIGITAL CLOCK

4:30:26

TIME SOURCE
IRIG-B   INTERNAL

12/24 HOUR   SET DATE   SET TIME   ADV

LED time source indicators

Front-panel pushbuttons

Key Features

Precise Time Distribution

Connect to a GPS satellite clock or other IRIG-B time source and distribute time signals to other demodulated IRIG-B devices, such as relays or communications processors, using the optional IRIG-B outputs. When synchronized to a GPS time source, the SEL-3401 always keeps correct time, even after power outages and DST adjustments. When an IRIG-B time source is unavailable, the SEL-3401 uses a battery-backed internal clock that is accurate to 15 seconds per month.

Industrial Durability

The SEL-3401 is designed for use in control rooms, substations, and industrial facilities of all types. An operating temperature range of −40° to +80°C (−40° to +176°F) allows placement in cold rooms and industrial plant hot spots. It can also be placed in areas with high electric fields.

Flexible Mounting Options and High Visibility

Choose a low-profile surface mount or a 19-inch rack-mount option. Large, bright digits are designed to be readable up to 61 m (200 ft) away.

Specifications

General Specifications	
Power Input	Surface Mount: 15 Vdc (ac power adapter included)
	Rack Mount: 125 Vdc or Vac
Time Input	Demodulated IRIG-B000 or IRIG-B002
	Surface-Mount Connector: Compression terminal or optional RJ45
	Rack-Mount Connector: BNC
Optional Time Output	Demodulated IRIG-B000 or IRIG-B002
	Surface-Mount Connector: RJ45 (optional)
	Rack-Mount Connectors: Four BNC
Internal Clock Accuracy	±15 seconds per month when power is present
	±5 minutes per month when power is not present
Front-Panel Pushbuttons	12/24 HOUR (display format)
	SET TIME
	SET DATE
	ADV (advance)
Settings	Date and time can be set only when an external IRIG-B time source is unavailable.
Numeric Display	76 mm (3 in) tall LED digits
	Color Options: Red, green, or amber
LED Indicators	IRIG-B time source
	Internal clock time source
Dimensions	Surface Mount:
	Height: 152.4 mm (6.00 in)
	Depth: 50.8 mm (2.00 in)
	Width: 485.1 mm (19.10 in)
	Rack Mount:
	Height: 132.6 mm (5.22 in)
	Depth: 226.7 mm (8.93 in)
	Width: 482.6 mm (19.00 in)
Operating Temperature	−40° to +80°C (−40° to +176°F)

See complete specifications and documentation: **selinc.com/products/3401**