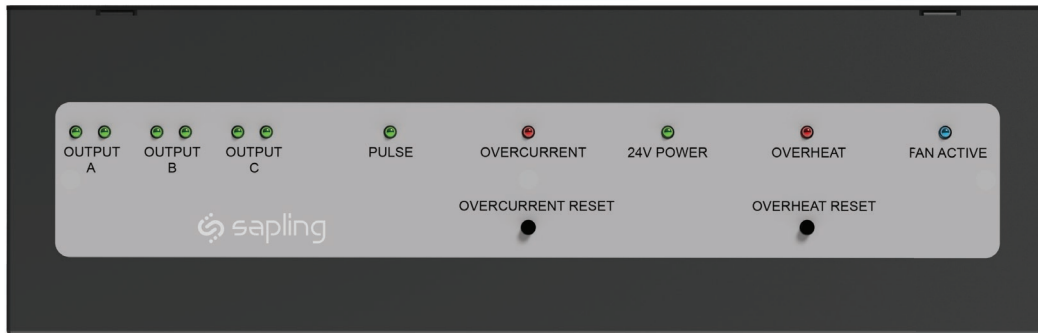


## Converter Box (V2.2)



### Features:

- Converts RS485 time data from the SMA Master Clock to 2-Wire Digital Communication Protocol
- Can receive 2-Wire Digital Communication from another converter box
- Three outputs with a total capacity of 5.5 amps,  $\pm$  24 volts
- Powered locally via 115 VAC or 230 VAC
- Ideal for renovation projects when a limited number of wires are available
- Easily accessible front panel Overcurrent Reset and Overheat Reset buttons
- Versatile mounting options:
  - Wall mount
  - Rack mount
- Quiet operation

### Highlights

- Provides both power and time data to secondary clocks utilizing only two wires
  - Can provide power and time data to analog and digital clocks on the same run
- Protects against overloading and shorts, as well as preventing damage from overheating
- Ability to have up to three separate runs from one converter box
- Diagnostic LEDs that relay the operating status of the converter box:
  - Green Processor Activity LED
  - Red Overcurrent LED
    - Solid when an overcurrent event has occurred
    - Blinks to communicate the converter box output in amps
  - Red Overheat LED
    - Solid when the inside of the converter box exceeds heat tolerances
    - Blinks to communicate the temperature inside the converter box
  - Green 24V Power LED
  - Blue Fan Active LED
  - Multiple Green Power Output LEDs
- UL and cUL listed; CE compliant

Specification sheets may change without prior notice

## Converter Box (V2.2)

### Specifications:

**Color:**

Black

**Mounting:**

Rack or Wall Mount

**Weight:**

6.2 lbs. (2.81 kg)

**Housing dimensions: (LxWxD)**

11" x 7" x 3.49" (27.94 cm x 17.78 cm x 8.86 cm)

Fits in 19" Rack - 2U Height

**Input voltage:**

100 - 240 VAC | 50-60 Hz

**Input signal:**

RS485 or 2 Wire Digital Communication

**Output current:**

5.5 amps

**Output voltage:**

± 24 Volts DC

**Diagnostic LEDs:**

Load tolerance LED: 80% of 5.5 Amp

Temperature tolerance LED: 80% of 53°C

**Temperature range:**

Operating: 0°C - 45°C

Storage: -15°C - 75°C

**Variable-Speed Fan:**

DC brushless 60x60x25 mm

22.1 CFM

34.3 dB(A)

**Compliance:**

UL, cUL, and CE listed



### Ordering Information:

SCB-100-000-1