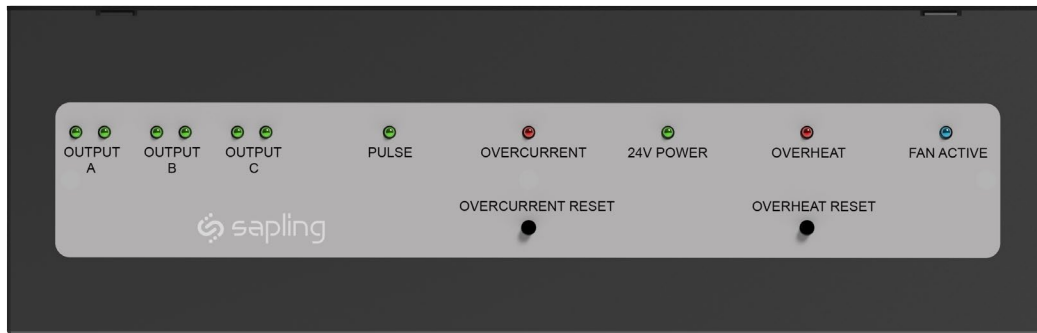


Converter Box (V2.1)



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 (V2.1)

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