

## Converter Box (V2)

### Features:

- Converts RS485 time signal to a 2-wire digital communication protocol
- Powered locally via 115VAC or 230VAC
- Three outputs that provide a combined total of 5.5 amps,  $\pm$  24 volts
- Protects against overloading and shorts, as well as preventing damage from overheating
- Ideal for renovation projects when a limited number of wires are available
- Can provide both power and time data to analog and digital clocks on the same run
- Ability to have up to three separate runs from one converter box
- Easily accessible front panel Overcurrent Reset and Overheat Reset buttons
- Diagnostic LEDs which relay the operating status of the Converter Box:
  - Green Pulse LED
  - Red Overcurrent LED
    - Activates without blinking when an overcurrent event has occurred
    - Blinks to communicate the converter box output in amps
  - Red Overheat LED
    - Activates without blinking 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 Output LEDs
- Versatile mounting options:
  - Wall mount
  - Rack mount (installation kit included)
- Quiet operation
- FCC part 15 B "class B digital devices"
- UL and cUL listed



## Specifications:

- Input voltage: 100 - 240 VAC | 50-60 Hz
- Input signal: RS485 or 2 Wire Digital Communication
- Output current: 5.5 amps
- Output voltage:  $\pm$  24 Volts DC
- Diagnostic LEDs:
  - Load tolerance LED: 80% of 5.5 Amps
  - 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)
  - Black
- Color: Rack or Wall Mount
- Mounting: 6.2 lbs. (2.81 kg)
- Weight:
- Housing dimensions: 11" x 7" x 3.49" (27.94 cm x 17.78 cm x 8.86 cm)
  - (LxWxD)
  - Fits in 19" Rack - 2U Height
- Compliance: FCC part 15 B "class B digital devices"
  - UL and cUL listed



## Ordering Information

Converter Box  
SCB-100-000-1

\*specification sheets may change without prior notice