CN-15MP & CN-20MP

Contractor Series MiniPorts

CN-15MP
(shown without Phoenix-type connectors and security cover)

CN-20MP
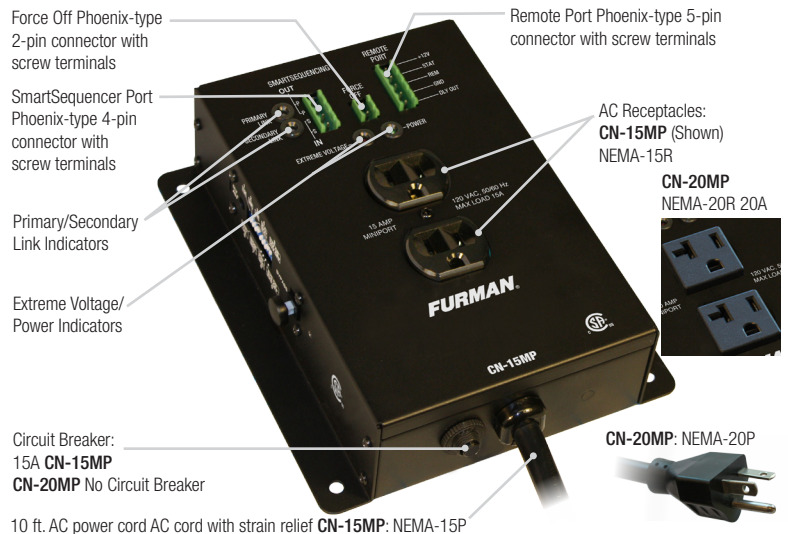(shown with Phoenix-type connectors and security cover)

Features

• Provides AC control for equipment located away from system racks with primary power conditioners/sequencers (i.e. powered speakers).

• Sequencing of duplex initiated remotely by standard analog triggering (remote terminal) or digital link (SmartSequencing from CN-1800S or CN-2400S).

• SmartSequencing Technology allows multiple units to be daisy chained at runs of over 1,000' between units with bi-directional communications between units for sequencing on and off large and/or complex systems.

• IP Control (Telnet or cloud-based BlueBOLT) via SmartSequencing (when connected to CN-1800S/CN-2400S with BB-RS232 Adaptor.

• Remote terminal supports connections to legacy Furman (non-Contractor Series) and third party power sequencers for maximum installation flexibility.

• DIP switches and potentiometer allows customization of settings such as sequencing delays, 12V on/off, and more.

• Extreme Voltage Shutdown (EVS) safeguards from catastrophic under-voltage (under 80V sustained) or over-voltage (over 145V sustained) conditions. Circuit may be set to auto-reset when voltage returns to normal or manual reset after an event is detected.

• Security covers prevent unauthorized personnel from tampering with DIP switches.

• Fire alarm shut off.

• Available with 15 amp capacity (**CN-15MP**) or 20 amp capacity (**CN-20MP**).

• Safety agency listed (CSA).

• 15 Year Limited Product Warranty.
See warranty policy documentation for terms and conditions.

Potentiometer for Fine Tune Delay Time

DIP switches for configuring settings

Bypass switch overrides relay for troubleshooting or in event of control system failure

Force Off Phoenix-type 2-pin connector with screw terminals

SmartSequencer Port Phoenix-type 4-pin connector with screw terminals

Primary/Secondary Link Indicators

Extreme Voltage/Power Indicators

Remote Port Phoenix-type 5-pin connector with screw terminals

AC Receptacles:
CN-15MP (Shown) NEMA-15R

CN-20MP NEMA-20R 20A

Circuit Breaker:
15A **CN-15MP**
CN-20MP No Circuit Breaker

CN-20MP: NEMA-20P

10 ft. AC power cord AC cord with strain relief **CN-15MP**: NEMA-15P

Specifications

AC Voltage Input Range
  90-139VAC, 50/60Hz
Maximum AC Current Rating
  CN-15MP: 15 Amps (Thermal breaker)
  CN-20MP: 20 Amps
AC Cord:
  CN-15MP: 3/14AWG, 10 feet, black, fixed, NEMA 5-15P plug
  CN-20MP: 3/12 AWG, 10 feet, black, fixed, NEMA 5-20P plug
AC Receptacles:
  CN-15MP: 2 NEMA 5-15R's (1 duplex)
  CN-20MP: 2 NEMA 5-20R's (1 duplex)
Under-Overvoltage Protection:
  AC Undervoltage Protection: EVS, 77VAC+/-3VAC
  AC Overvoltage Protection: EVS, 140VAC+/-5VAC
  EVS Enable/Disable (configurable)
Operating Temperature Range:
  5C (40F) to 40C (105F) degrees
Humidity Range:
  <90% rH (Relative Humidity)
User Interface:
  Circuit Breaker: Pushbutton, 15A (**CN-15MP**),
  20A (**CN-20MP**) No Breaker
  Front panel diagnostic indicators (LED): Power, Extreme Voltage, Primary
  Link, Secondary Link

User Interface (continued):
  Side Panel DIP Switches: Side panel. hidden by security cover, 1 Minute Delay,
  2 Minute Delay, 4 Minute Delay, Force Off NO/NC, 12V Mode On/Off GND Mode
  On, Momentary/Maintained, Primary/Secondary, EVS Reset Auto/Manual
  Potentiometer: Side panel, hidden by security cover, fine tune delay adjust
Control/Status/Triggering (Top Panel):
  Remote Terminal: +5-30VDC In, 12VDC (12mA) Out
  SmartSequencing: Phoenix 4-Pin Connector, Screw Terminals, Primary &
  Secondary Links (Current Loop - 1000' nominal)
  Remote Terminal: Phoenix 5-Pin Connector With Screw Terminals;
  +12V, STAT, REM, GND, DLY OUT(Class 2 Wiring)
  Force Off: Phoenix-type 2-Pin Connector With Screw Terminals,
  FORCE OFF: (Class 2 Wiring)
  IP Addressability: Optional, via CN-1800S or CN-2400S with BB-RS232
  Ethernet/RS-232
  Adaptor (sold separately) for IP control via Telnet, HTTP, BlueBOLT®
  Voltmeter: Available via SmartSequencing communication, +/- 2VAC accuracy
  Ammeter: Available via SmartSequencing communication, +/-1A accuracy
Power Consumption (No Load): 10 Watts
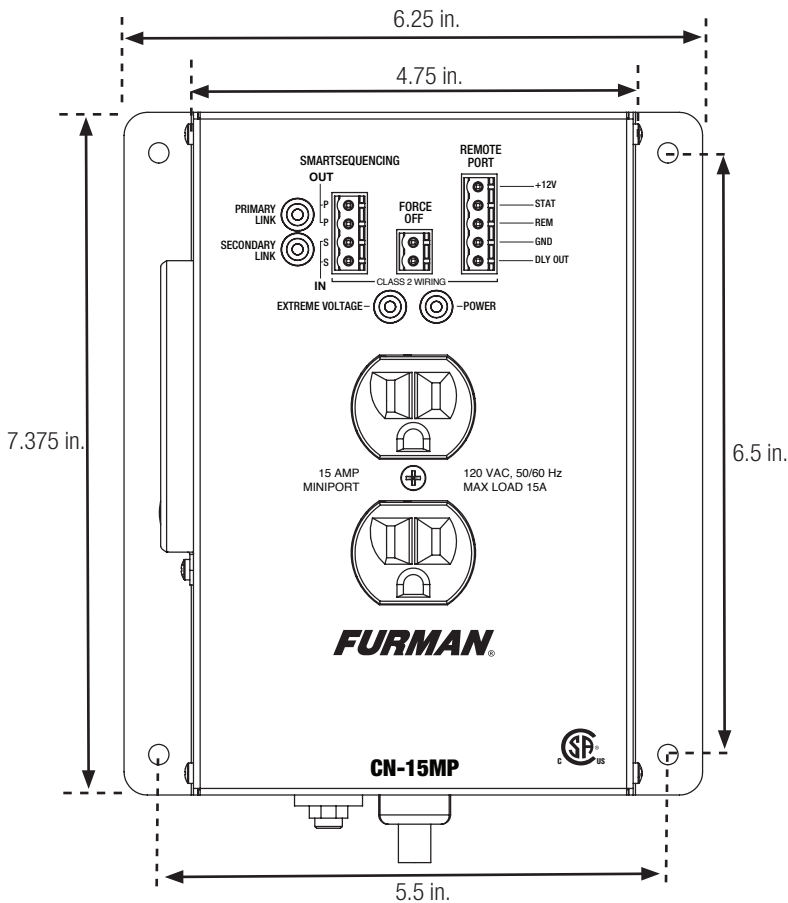**Safety Agency:** CSA
RoHS Compliant: Yes

Specifications subject to change due to product upgrades and improvements.
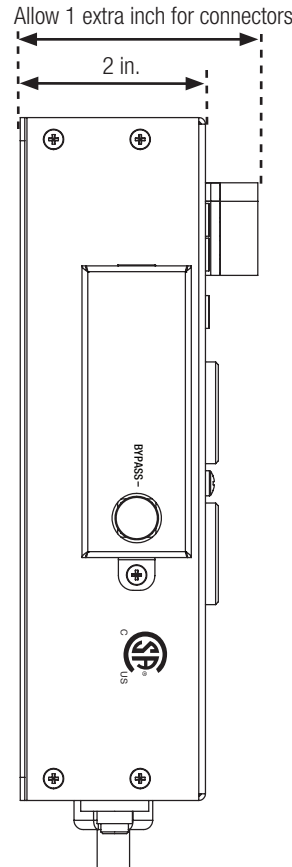
Dimensions and Weight

Common FRONT dimensions for both **CN-15MP** and **CN-20MP**
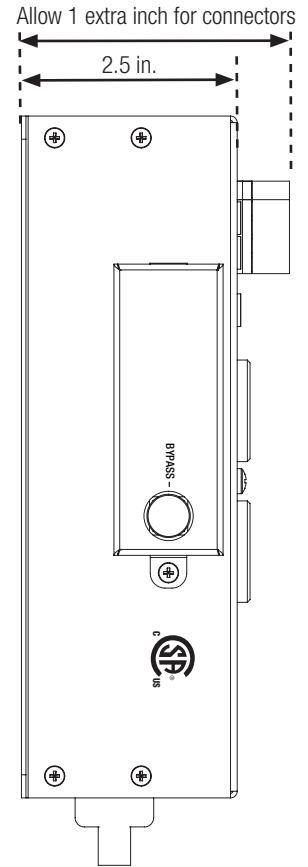

Unit Weight: 3.75 lbs. (both models)

SIDE **CN-15MP**

Power Cord-10 feet, black, fixed, NEMA
• (CN-15MP) 3/14AWG, 5-15P plug

SIDE **CN-20MP**

Power Cord-10 feet, black, fixed, NEMA
• (CN-20MP) 3/12AWG, 5-20P plug