

CN-15MP & CN-20MP

Contractor Series MiniPorts



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



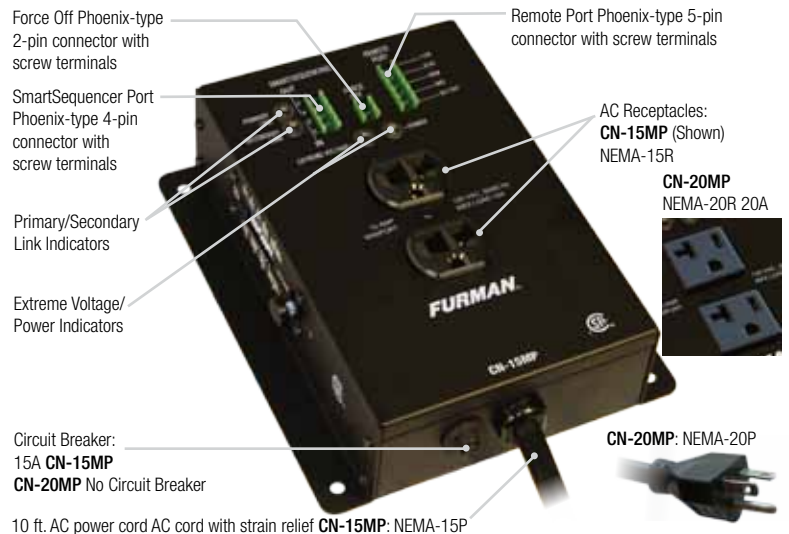
CN-20MP
(shown with Phoenix-type connectors and security cover)

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



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-type 4-Pin Connector, Screw Terminals, Primary & Secondary Links (Current Loop - 1000' nominal)

Remote Terminal: Phoenix-type 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

