

CN-3600 SE

Contractor Series SmartSequencers



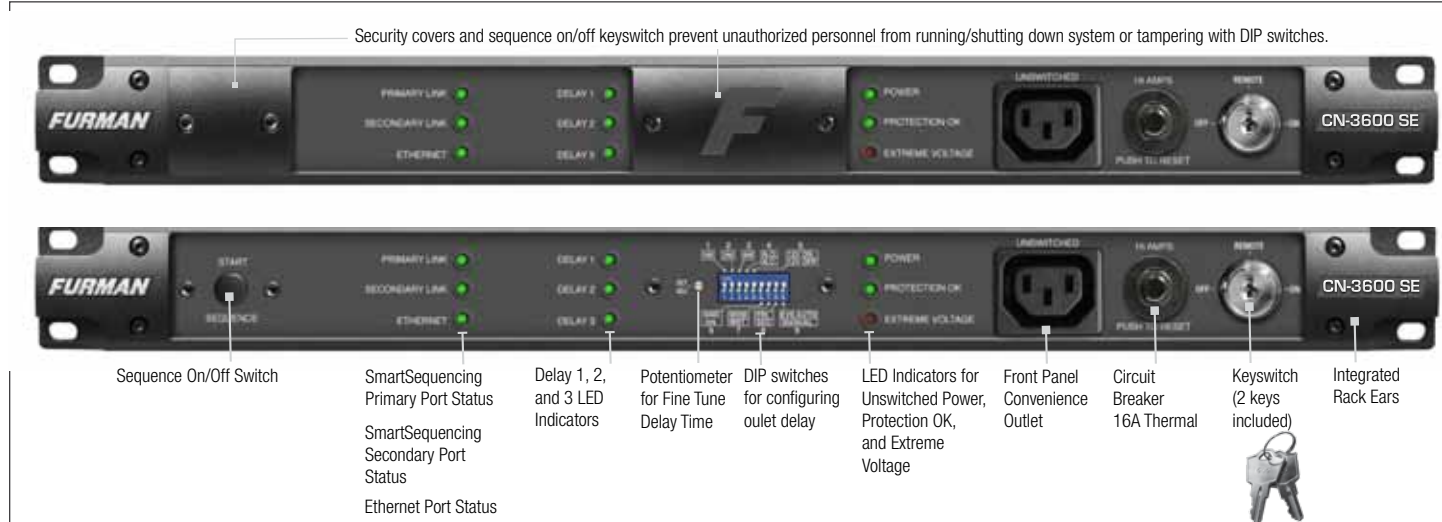
Furman's CN-3600 SE SmartSequencer™ combines AC power distribution, protection, filtration, and sequential system power on/off in a 1RU, 220-240VAC, rack-mount unit.

Features

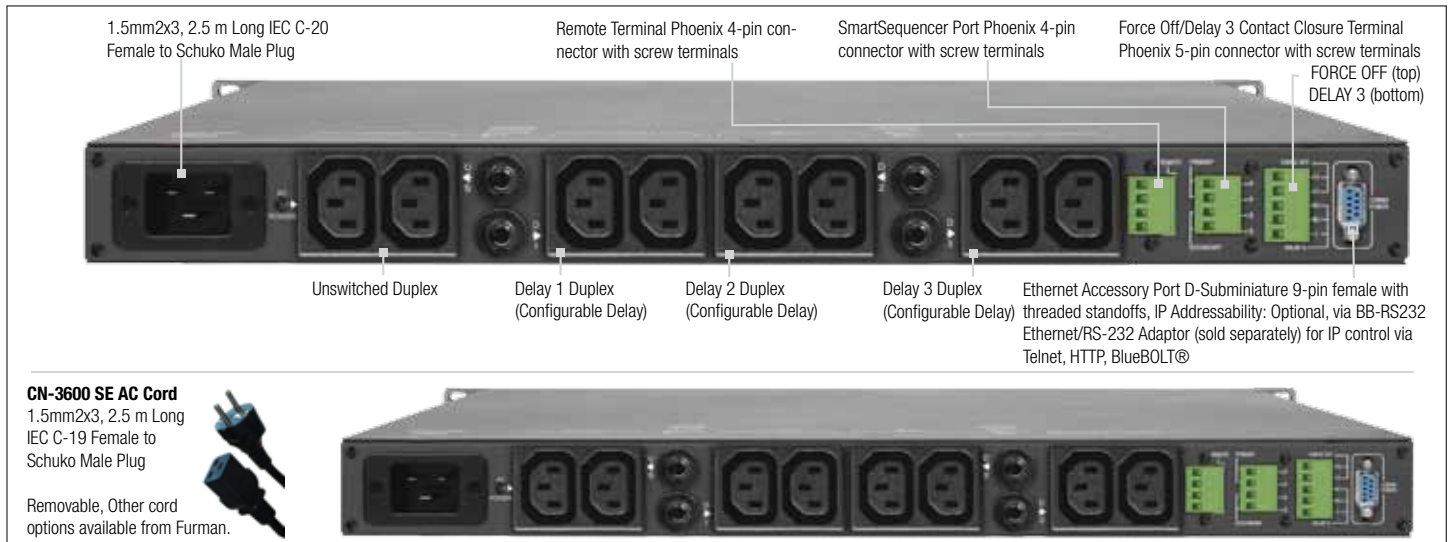
- SmartSequencing technology allows large and complex Pro A/V systems to be safely powered on and off with a simple press of a button or turn of a key, even by non-technical personnel.
- Multiple units may be daisy chained at runs of over 1,000 feet with bi-directional communications between units for sequencing on and off large and/or complex systems.
- RS-232 compatibility and command set provide integration with control systems, optional RS-232-to-Ethernet adaptor allows for control, programming, & monitoring from any Web-enabled device via Telnet, direct HTTP connection, or Panamax/Furman's BlueBOLT® platform.
- Series Multi-Stage Protection (SMP) ensures zero downtime for mission-critical installations by safely absorbing, clamping and dissipating transient surges and spikes without damage to internal circuitry or connected equipment.
- Extreme Voltage Shutdown (EVS) safeguards from catastrophic under-voltage (under 175V sustained) or over-voltage (over 275V sustained) conditions. Circuit may be set to auto-reset when voltage returns to normal or manual reset after an event is detected.
- Linear Filtering Technology (LiFT) ensures maximum performance from connected equipment by reducing AC noise evenly across the audio & video bandwidth.
- Security covers and sequence on/off keyswitch prevent unauthorized personnel from running/shutting down system or tampering with DIP switches.
- Fire alarm shut off.
- 16 Amp capacity.
- 15 Year Limited Product Warranty.
See warranty policy documentation for terms and conditions.



Front Panel



Rear Panel



Specifications

AC Voltage Input Range

180-270 VAC, 50/60Hz

Maximum AC Current Rating

16 Amps (Thermal breaker)

AC Cord:

1.5mm2x3, 2.5m Long, black, fixed, IEC C-19 Female to Schuko Male Plug

AC Receptacles:

Convenience Outlet (Front Panel) 1 IEC C-13 (Unswitched)

Rear Panel Outlets: 1 IEC C-13 pair (Unswitched), 3 IEC C13 pairs (Sequenced, each pair is controlled by separate relay)

Surge/Under-Overvoltage Protection:

AC Surge Protection: SMP

Spike Protection Mode: Line to neutral, zero ground leakage

Spike Clamping Voltage: 375 V peak @ 6,000 volts/3,000 amps

Response Time: 1 nanosecond

Maximum Surge Current: 6,500 Amps

AC Undervoltage Protection: 175VAC+/-5VAC

AC Overvoltage Protection: EVS, 275VAC+/-5VAC

AC Overvoltage Reset Modes: Manual and Auto-reset (configurable)

AC Filtering:

LIFT

Noise Attenuation: Linear, 10dB @10KHz, 40dB@100KHz, 50dB@500KHz

Operating Temperature Range:

5C (40F) to 40C (105F) degrees

Humidity Range:

<90% rH (Relative Humidity)

User Interface:

Keyswitch: Front panel, 3-position keyswitch (On, Off, Remote)

Keys: Included, 1 pair

Pushbutton Switch: Front panel, hidden by security cover

Circuit Breaker: Front panel, pushbutton, 16A Thermal Breaker

Front panel diagnostic indicators: Primary link, Secondary link, Ethernet, Remote off, Delay 1, Delay 2, Delay 3,

Power, Protection OK, Extreme Voltage

Front Panel DIP Switches: Front 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: Front panel, hidden by security cover, fine tune delay adjust

Control/Status/Triggering (Rear Panel):

Remote Terminal: +5-30VDC In, 12VDC (10mA) Out

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

Remote Terminal: Phoenix 4-Pin Connector With Screw Terminals; +12V, STAT, REM, GND

Force Off/Delay 3 Terminal: Phoenix 5-Pin Connector With Screw Terminals, FORCE OFF, DELAY 3

RS-232 Compatible: Yes, DB-9 Connector

IP Addressability: Optional, via BB-RS232 Ethernet/RS-232 Adaptor (sold separately) for IP control via Telnet,

HTTP, BlueBOLT®

Voltmeter: Available with RS-232/Ethernet option, +/- 2VAC accuracy

Ammeter: Available with RS-232/Ethernet option, +/-1A accuracy

Power Consumption (No Load): 10 Watts

Safety Agency Mark: CE

RoHS Compliant: Yes



Specifications subject to change due to product upgrades and improvements.

Dimensions and Weight

