CN-3600 SE

Contractor Series SmartSequencers

Furman's CN-3600 SE SmartSequencer™ combines protected AC power distribution and filtration with 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.

• Multiple units may be daisy chained at runs of over 300 meters with bi-directional communications between units for sequencing on and off large and/or complex systems.

• RS-232 compatibility provides command set integration with control systems. An optional RS-232-to-Ethernet adaptor 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. Unit can be set to automatic or manual recovery after an EVS condition has subsided.

• 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 key switch prevent unauthorized personnel from tampering with DIP switches or running/shutting down equipment.

• Fire alarm shut off.

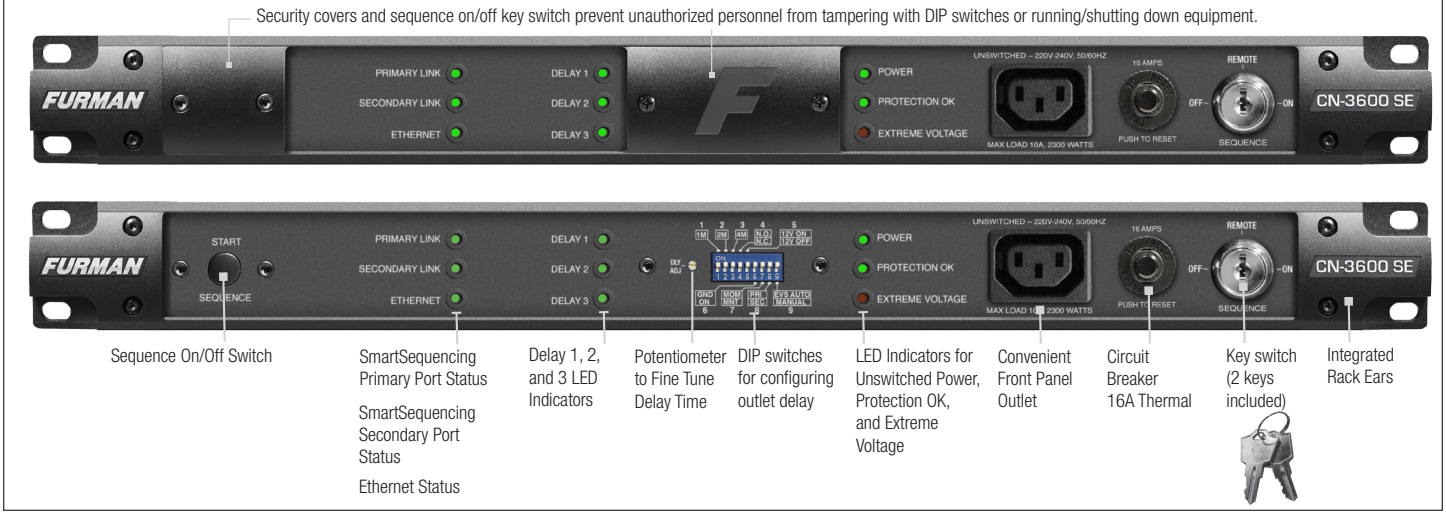
• 16 Amp total capacity.

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

15 YEAR PRODUCT WARRANTY
See actual warranty documentation for details.

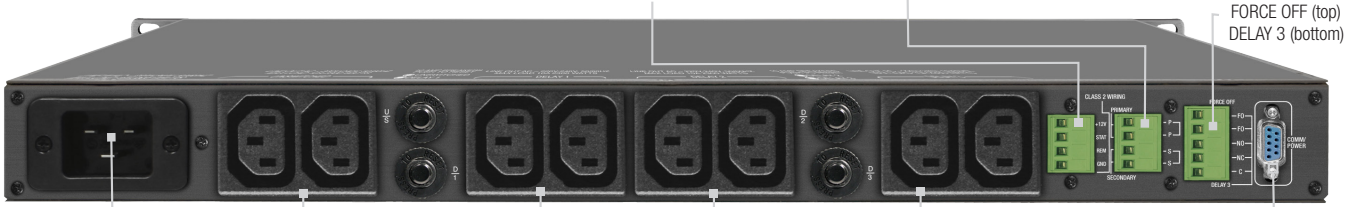
BlueBOLT® COMPATIBLE

Front Panel



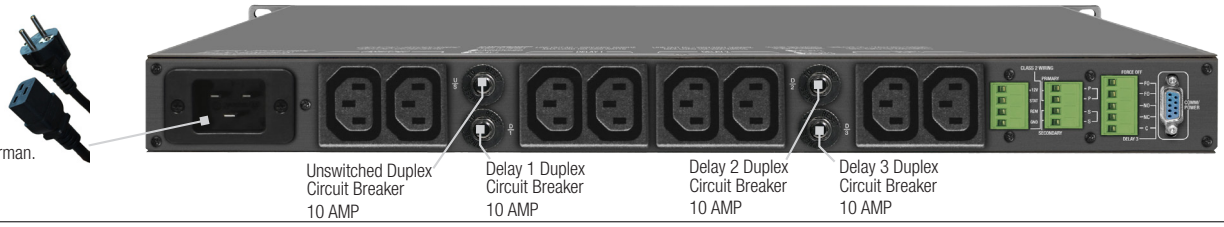
CN-3600 SE Contractor Series SmartSequencers

Rear Panel



CN-3600 SE AC Cord
1.5mm2x3, 2.5 m Long IEC C-19 Female to CEE 7/7 Male Plug

Removable, Other cord options available from Furman.



Specifications

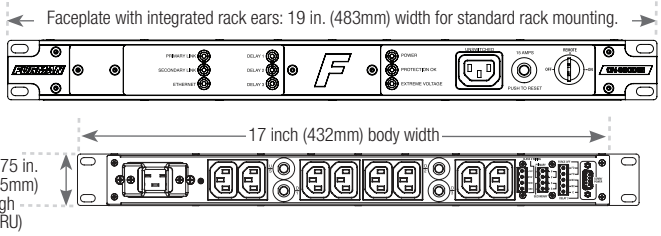
AC Voltage Input Range
180-270 VAC, 50/60Hz
Maximum AC Current Rating
16 Amps (Thermal breaker)
AC Cord:
1.5mm2x3, 2.5m Long, black, IEC C-19 Female to Schuko CEE 7/7 Male Plug
AC Receptacles:
Convenience Outlet (Front Panel) 1 IEC C-13 (Unswitched)
Rear Panel Outlets: 1 IEC C 13 pair (Unswitched), 3 IEC C13 pairs (Sequenced, each pair is controlled by separate relay)
Surge/Under-Overvoltage Protection:
AC Surge Protection: Series Multi-Stage 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

Specifications subject to change due to product upgrades and improvements.

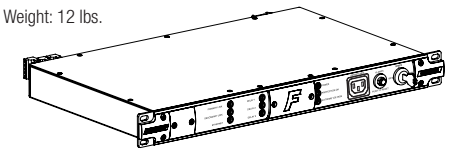
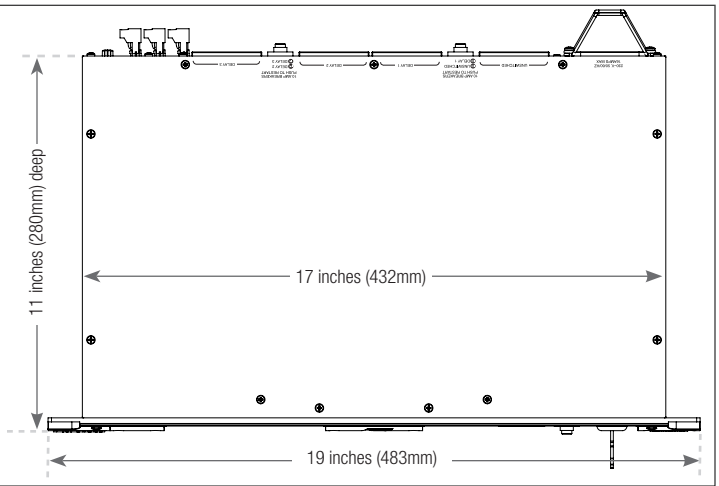
Humidity Range:
<90% rH (Relative Humidity)
User Interface:
Key switch: Front panel, 3-position key switch (On, Off, Remote)
Keys: Included, 1 pair
Pushbutton Switch: Front panel, hidden by security cover
Circuit Breaker: Front panel, pushbutton, 16A Thermal Breaker
Front panel diagnostic indicators: Primary link, Secondary link, Ethernet, Remote off, Delay 1, Delay 2, Delay 3, Power, Protection OK, Extreme Voltage
Front Panel DIP Switches: 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-type 4-Pin Connector with Screw Terminals, Primary & Secondary Links (Current Loop - 300 m nominal)
Remote Terminal: Phoenix-type 4-Pin Connector with Screw Terminals; +12V, STAT, REM, GND
Force Off/Delay 3 Terminal: Phoenix-type 5-Pin Connector with Screw Terminals, FORCE OFF, DELAY 3
RS-232 Compatible: Yes, DE-9 Connector
IP Accessibility: Optional, via BB-RS232 Ethernet/RS-232 Adaptor (sold separately) for direct IP control via Telnet, HTTP, BlueBOLT®
Voltmeter: Available data via RS-232 or Ethernet option, +/- 2VAC accuracy
Ammeter: Available data via RS-232 or Ethernet option, +/-1A accuracy
Power Consumption (No Load): 10 Watts
Safety Agency Mark: CE **RoHS Compliant:** Yes

RoHS COMPLIANT

Dimensions and Weight



Power Cord-1.5mm2x3, 2.5 m Long IEC C-19 Female to Schuko CEE 7/7 Male Plug

Removable, Other cord options available from Furman.

Weight: 12 lbs.