

FireSwitch108

Managed NAC Power Extender



Altronix FireSwitch108 Networked NAC Power Extender adds greater flexibility and capacity to your system. Eight (8) Class B NACs are individually programmable for Aux. power or up to Four (4) Class A outputs. FireSwitch generates CO Temporal Code 4, compatible with Gentex®, Potter and System Sensor® signals. Selectable EOL resistor values simplify retrofits. Programmable LCD display interface and an ethernet port interface for remote programmability and monitoring add to flexibility and convenience.

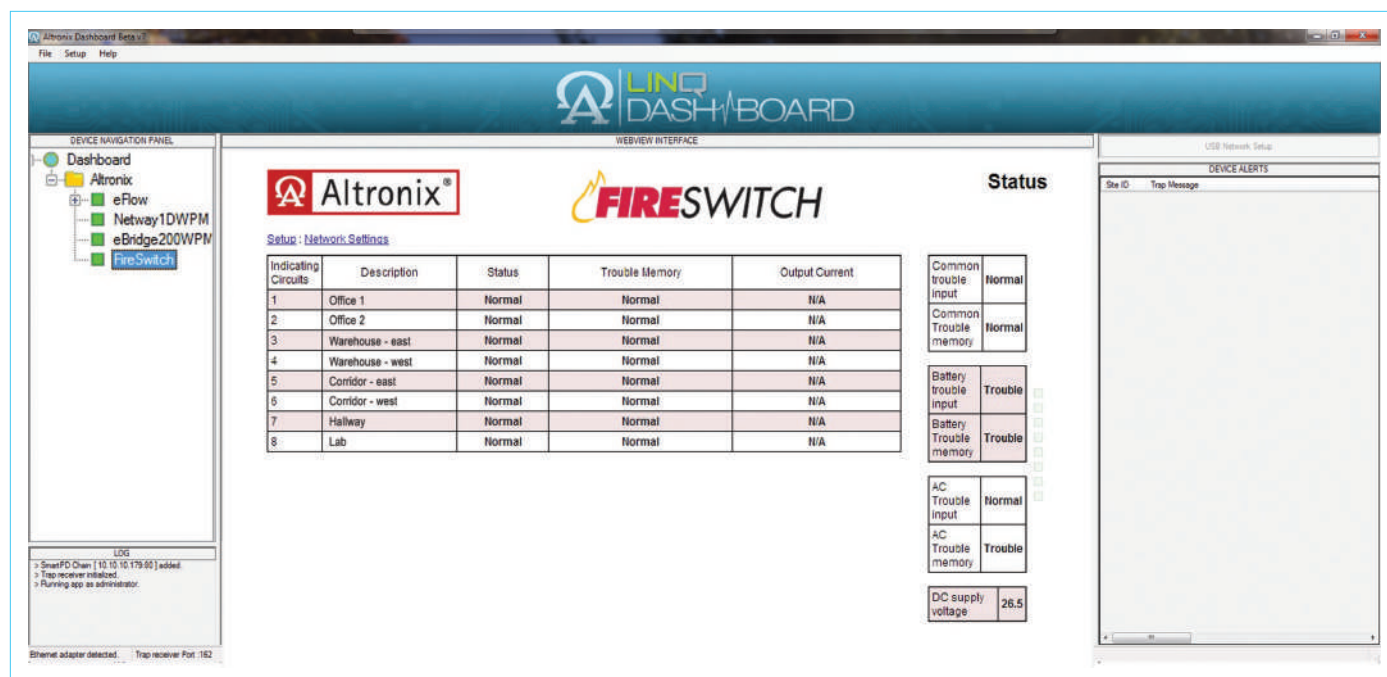


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Key Features

- Power outputs are programmable as:
 - 8 Class B NAC outputs;
 - 4 Class A NAC outputs;
 - Aux. power outputs (with or without battery backup);
 - Any combination of the above
- Local and remote status monitoring (LCD display/Ethernet port)
- EOL resistor value is programmable by output
- Temporal Code 3, Steady Mode and Input to Output Follower Mode
- CO Temporal Code 4 (NFPA720) include Gentex®, Potter and System Sensor® devices
- Thermal and short circuit protection with auto reset
- Signal circuit trouble memory - quickly locates intermittent system trouble and eliminates unnecessary service calls
- Synchronize up to twelve (12) FireSwitch108 units
- UL Listed in the U.S. and Canada for Fire Alarm Systems
- California State Fire Marshall Approved

LINQ™ Dashboard with FireSwitch Management Interface:



The screenshot shows the Altronix LINQ Dashboard web interface. The main content area displays the 'Status' of various indicating circuits. Below is a table of the data shown in the interface:

Indicating Circuits	Description	Status	Trouble Memory	Output Current
1	Office 1	Normal	Normal	N/A
2	Office 2	Normal	Normal	N/A
3	Warehouse - east	Normal	Normal	N/A
4	Warehouse - west	Normal	Normal	N/A
5	Corridor - east	Normal	Normal	N/A
6	Corridor - west	Normal	Normal	N/A
7	Hallway	Normal	Normal	N/A
8	Lab	Normal	Normal	N/A

Additional status indicators shown in the interface include:

- Common trouble input: Normal
- Common Trouble memory: Normal
- Battery trouble input: Trouble
- Battery Trouble memory: Trouble
- AC Trouble input: Normal
- AC Trouble memory: Trouble
- DC supply voltage: 26.5

Lifetime Warranty



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Specifications

Input

- Voltage** 120VAC 60Hz, 4.8A
- FACP** Two (2) Class A or two (2) Class B
Two (2) configurable inputs trigger via Class A or Class B FACP signal circuits (polarity reversal) or dry contacts

Outputs

- Voltage** 24VDC regulated power-limited NACs
- Current** 10A max total alarm current
7A max stand-by without battery back-up
1A with battery back-up including Aux. output
(0.45A for Canadian applications)
- Auxiliary** One (1) rated 1A (regulated, battery backed-up)
(0.45A for Canadian applications)
- Other** Any NAC can be configured as an Aux. output, with or without battery backup

Programmable supervised indicating circuit options:

Eight (8) Class B, four (4) Class A or any combination of Class A, Class B or Aux power

Battery Charging

- Capacity** 12AH/12VDC (2 within enclosure)
- Type** Sealed lead acid or gel type
- Failover** Upon AC loss, instantaneous
Batteries are sold separately

Low DC Power Shutdown

Prevents deep discharge (24VDC / 70-75%)

Indicators (LED)

- LCD Display** Indicates trouble and conditions of operation
Facilitates quick identification of a fault.
Displays which output fault has occurred on

Supervision

- AC Failure** Form "C" contacts
- Battery Fail** Form "C" contacts
- Battery Presence** Form "C" contacts

Agency Listings

- UL/cUL**
UL 864 Control Units and Accessories for Fire Systems
CAN/ULC-S527-99 Control Units for Fire Alarm Systems
- FM** Factory Mutual Approved
- CSFM** California State Fire Marshall Approved
- NFPA 72 and NFPA 720 Compliant**

Physical and Environmental

Dimensions (H x W x D)

- Enclosure:** 15.5" x 12" x 4.5" (393.7mm x 304.8mm x 114.3mm)
- Shipping:** 16.5" x 13.5" x 6" (419.1mm x 342.9mm x 152.5mm)
- Enclosure accommodates up to two (2) 12VDC/12AH batteries

Weight (approx.)

- Product:** 12.4 lb. (5.62 kg)
- Shipping:** 13.7 lb. (6.21 kg)

Temperature

- Operating:** 0°C to 49°C (32°F to 120°F)
- Storage:** - 20°C to 70°C (- 4°F to 158°F)

Relative Humidity 85% +/- 5%

BTU/Hr (approx.) 123 BTU/Hr.

Lifetime Warranty

