Fire Watch

Fire Watch - UL NAC Module

All specifications are subject to change without notice. Specifications are typical at 24 VDC, 73°F, and 50% RH unless otherwise stated.

Product Operating Temperature: 32 to 120°F

Humidity: 10 to 93% RH, no condensation or icing

Standards/Approvals: UL and FM

Dimensions: 4.9" W x 4.9" H x 1.175" D

Housing material: UL94 V-0 polycarbonate

Wire size: 12 – 24 AWG

LED status:

      Green: Polling

      Yellow: Isolation

      Red: Alarm

Signaling Line Circuit (SLC): Supervised, Power Limited

Supply Voltage: 17 to 28 VDC

Modulation Voltage: 5 to 9 VDC, peak to peak

Supervisory Current: 500 µA

Switch-on Surge Current: 900 µA

Alarm Operated Current, LED ON: 1.6 mA per LED

Maximum Loop Current: 1A

Notification Appliance Circuit:

      Wiring Style: Class A / Class B

      Class B EOL Resistor: 47k Ω

      Maximum Output: Regulated 24 VDC @ 2 A[*]

      Maximum Output Speakers: 70.7 volts RMS @ 500 mA with wire supervision capability as per NFPA requirements. The speakers used must be listed for fire protection applications.

Refer to the fire alarm control panel literature for details on how to achieve audio and visual synchronization.

*A regulated, power-limited supply that is listed for fire protection applications shall be used for powering audible and visual notification appliances. The maximum number of connected devices must be within the output rating of the power supply.

Product Overview

Product	NAC Module
Part No.	FW4705-706
Digital Communication	FW Protocol

Approvals

Product Information

The FW NAC Module enables notification appliances to be operated continuously or in a pulsing pattern. Appliances may be operated individually or in groups.

- Built-in isolator and visible LED
- Loop Powered
- Can be used for PA speakers
- Power supply monitoring and polarity detection
- Active short-circuit detection (panel/power supply dependent)
- Improved design for ease of wiring