FIRE-LINK®II
Fire Alarm Signaling System by Signalink

NMC-101SW
NETWORK MONITORING CONTROLLER

APPLICABLE STANDARDS

- UL 864 Commercial Fire Alarm Applications (Accessory)
- UL 985 Residential Fire Warning
- ULC S527 Commercial Fire Alarm Applications (Accessory)
- ULC S545 Residential Fire Warning System
- NFPA 72 National Fire Alarm Code

TECHNICAL FEATURES:

- One NAC bell input allows the NMC to connect to any Fire Alarm Panel
- Form 'C' Alarm and trouble relay output
- Two Class 'B' initiating circuits
- Keypad Entry and Control
- 4 Line LCD Screen for Status/Information Update

- One serial RS232 Interface for laptop
- Laptop Download and Diagnostic Program
- Addressable Multi Device Networking
- Designed to meet or exceed NFPA / UL / ULC Standards

DESCRIPTION

The NMC-101SW is the Fire-Link® system's network monitoring controller or NMC. The NMC provides all the required functionality to act as either a UL listed two detection zone stand alone fire alarm panel; or as a UL/ULC listed accessory to an existing fire alarm control panel. In either operational mode the NMC supervises itself and reports and records the state of each In-Suite Device or ISD in its network. NMC supervisory functions include battery conditions, AC power status and NMC ground faults. All system events are kept in an Event log for immediate viewing at the four line display or downloading by laptop computer for later review. The NMC-101SW is capable of monitoring a total of 225 ISD* in multi-transformer buildings to provide audibility upgrades in most demanding situations.

CONTROLLED GATEWAY

The NMC-101SW is a Fire Alarm Control Unit which acts as a control gateway for Signalink's Fire-Link®II network. The NMC-101SW uses our unique Power Line Technology and 'mesh' networking to provide the highest possible reliability.

BATTERY BACKUP

The NMC-101SW has a battery backup circuit which permits installation of an SLA (Sealed Lead Acid) battery which is monitored for low voltage and excess current conditions. Operates beyond 24 hours during a power outage.

Signalink recommends that at least 2/3 of the total suite count contain ISDs to ensure reliable and trouble free operation.

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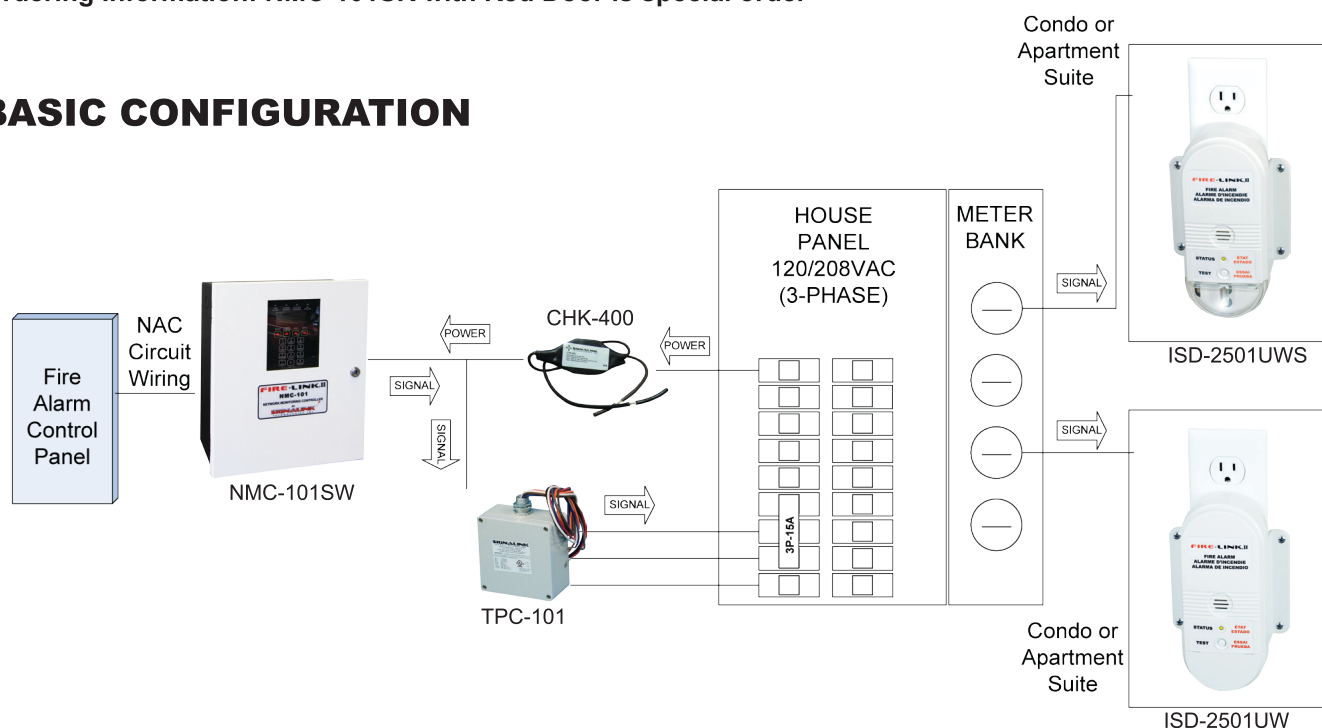
NMC-101SW
NETWORK MONITORING CONTROLLER

SPECIFICATIONS

Enclosure Dimensions	14" x 12" x 4" (356 x 305 x 102)	HxWxD (mm)
Mounting	4	Screws
Supply Voltage	102-130 VAC, 60 Hz	Operating
Power Fail Battery Backup	12VDC – 12.0 AH	Sealed Lead Acid
Power Consumption	500 mW, 2.5 W	RX, TX
Operating Temperature	0 - +40 °C	< 90% Humidity
Indicators	Colored LEDs, LCD Display, Buzzer	Operational Status
Controls	Keypad, "Form C" contacts, Bell Circuit, RS-232	Operator & Fire Alarm

ORDERING INFORMATION

Model	Description
NMC-101SW	Fire-Link II Network Monitoring Controller, 160kHz, White Door, Black Back Box

Ordering Information: NMC-101SR with Red Door is special order

BASIC CONFIGURATION

Condo or Apartment Suite

ISD-2501UWS

Fire Alarm Control Panel

NAC Circuit Wiring

NMC-101SW

POWER

SIGNAL

SIGNAL

CHK-400

POWER

SIGNAL

TPC-101

HOUSE PANEL 120/208VAC (3-PHASE)

3P-15A

METER BANK

SIGNAL

SIGNAL

Condo or Apartment Suite

ISD-2501UW

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