

Features

- ▶ Microprocessor Controlled
- ▶ Manual Trip Central Office Switch
- ▶ Fan Shutdown Reset Switch
- ▶ Fan Purge Enable Switch
- ▶ Low Power Consumption
- ▶ 1/2 Module Footprint
- ▶ No External Field Wiring



Description

The NY-100 New York module provides three separate functions. A Manual Trip switch for activating the Auxiliary Alarm Contacts. A Fan Purge enable key switch and a Fan Shutdown reset key switch. The NY-100 contains a Manual Trip switch used to activate the LSN 2000 Auxiliary Alarm contacts (Aux Alm). These contacts are generally used to notify a Central Office company the fire alarm system is in alarm. The Manual Trip switch works whether power is applied to the Fire Command Center or not. A red protective cover to prevent accidental tripping is supplied. The Fan Purge enable key switch prevents fan controls from being issued until the key switch is turned from the DISABLE position to the ENABLE position. The key switch is keyed with the NYC Fire Department 1620 cylinder. The Fan Shutdown reset switch prevents fans that have been automatically shutdown due to a fire condition from restarting after the alarm condition has cleared. To restore fans to their normal position after the alarm condition has cleared, turn the Fan Shutdown switch from the NORMAL position to the RESET position. No field wiring is required.

Application

The NY-100 New York module has been designed to meet the New York City Fire Department code requirements for Central Office notification and fan controls. The Manual Trip switch notifies the Central Office of an alarm within the fire alarm system. The Fan Purge key switch prevents purge fans from starting up until the proper authority with a NYC Fire Department 1620 key enables the purge system. The Fan Shutdown key switch prevents fans that have been shutdown due to an alarm condition from starting up once the alarm condition has cleared.

Installation

The NY-100 New York Module occupies 1/2 panel space and mounts to the HS-1 Horizontal Strap and VS-1 Vertical Strap in the Fire Command Center enclosure.

Approvals and Listings

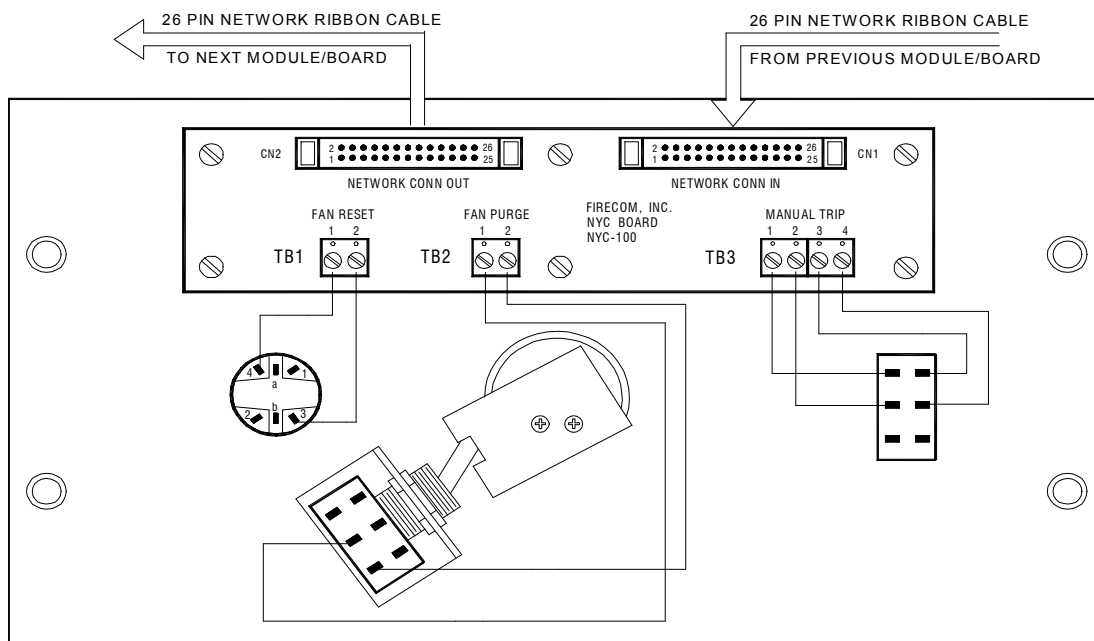
Underwriters Laboratories (File No. S2184)
NYC MEA (MEA No. 32-95-E)
California State Fire Marshal (7170-1496:100)



Engineering Specifications

The NY-100 New York module shall contain a Manual Trip toggle switch, a Fan Purge key switch and a Fan Shutdown key switch. The Manual Trip switch shall be capable of activating the Aux Alarm contacts on the OCP Output Connector Panel regardless of power being applied to the LSN 2000 Fire Command Center. It shall contain a red protective cover to prevent accidental tripping. A Fan Purge enable key switch shall be provided to enable the fan purge system. Without this switch in the ENABLE position, attempting to manually activate the purge fans via the DCM Display Control Modules shall have no effect. This key switch shall be keyed to the New York City Fire Department 1620 key requirement. The NY-100 shall also incorporate a Fan Shutdown reset key switch. This switch shall prevent programmed fans from restarting after System Reset has been pressed and the alarm condition has cleared. In order for fans that have been shutdown to restart requires the Fan Shutdown key switch to be turned to the RESET position.

Wiring Connection



Electrical Specifications

Operating Voltage	24VDC
Operating Current	0mA
Operating Temperature	0°C to 49°C
Operating Relative Humidity Range	0% to 85% @ 30°C

Ordering Information

Model No.	Part No.	Description
NY-100	70221	New York City Module

It is our intention to keep the product information up to date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice. For more information contact: FIRECOM, INC.