



## Features

- ▶ 8.4" Touchscreen Color LCD
- ▶ 640 x 480 Pixels
- ▶ Wide Viewing Angle Display
- ▶ Microprocessor Controlled
- ▶ 40,000 Point Capacity
- ▶ 256 Nodes
- ▶ 1000 Event History Log
- ▶ Alarms Device Listing
- ▶ Trouble Device Listing
- ▶ Supervisory Device Listing
- ▶ Monitor Device Listing
- ▶ Disable Device Listing
- ▶ Service Mode Feature
- ▶ One Man Walk Test Feature
- ▶ Multiple Password Levels
- ▶ Disable Devices, Groups
- ▶ Activate Devices, Groups
- ▶ 512 Combined Groups of:
  - Control Groups
  - Disable Groups
  - Walk Test Zones
- ▶ Set or Change Detector Sensitivity
- ▶ Echelon® LonTalk® Communications
- ▶ Low Power Consumption
- ▶ No Wiring Required

## Description

The GCP-70 Graphic Control Panel Module incorporates a 640 x 480 8.4" touchscreen Color LCD. This wide viewing angle, hi-intensity display allows for optimum viewing of display information under various light conditions and angles. The GCP-70 has a maximum capacity of displaying status information for 40,000 points or 256 Nodes. Up to 10 GCP-70 Graphic Control Panel Modules can be networked within a system. Through its password protected menu, the operator can enable or disable devices, floors, groups or nodes. A menu selection is also available to activate devices such as fans or dampers individually or by groups. A device search feature allows the operator to quickly and easily find devices without knowledge of their system code. Once a device is found and displayed, the operator can change sensitivity, view its analog value, activate or disable it. Graphical icons of the device and their status are also displayed.

The GCP-70 device listing allows printing by class of alarm, trouble, phone, supervisory, monitor or disabled devices. The 1000 event history log which stores all events and transactions can also be viewed or printed. A Service Mode feature allows testing of the system without sounding the speakers/bells or activating programmed outputs.

A One Man Walk Test feature allows portions of the system to be bypassed & checked for proper operation while the rest of the system remains on line and protecting the facility.

Power-On indication and control switches for System Reset, Alarm Silence and Acknowledge are provided. Twelve user-programmable status LEDs, each with an associated membrane switch are used to perform control operations as required.

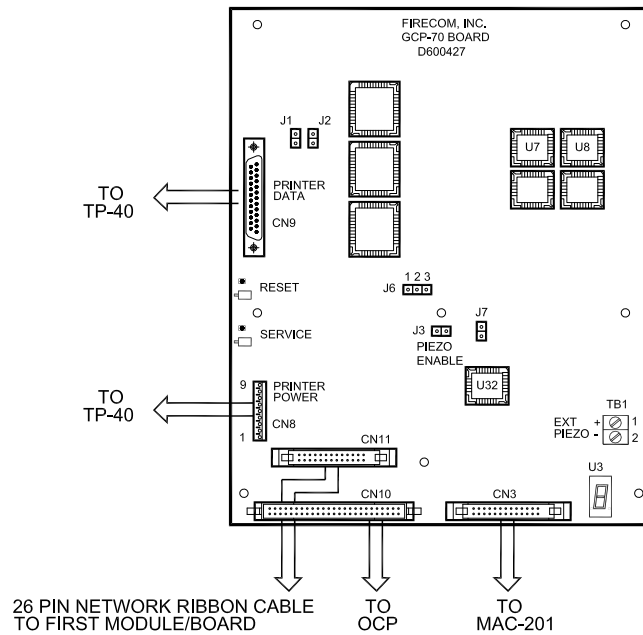
## Approvals and Listings

Underwriters Laboratories (File No. S2184)  
 NYC MEA (MEA No. 32-95-E)  
 California State Fire Marshal (7165-1496:0100)



MEA CITY OF NEW YORK

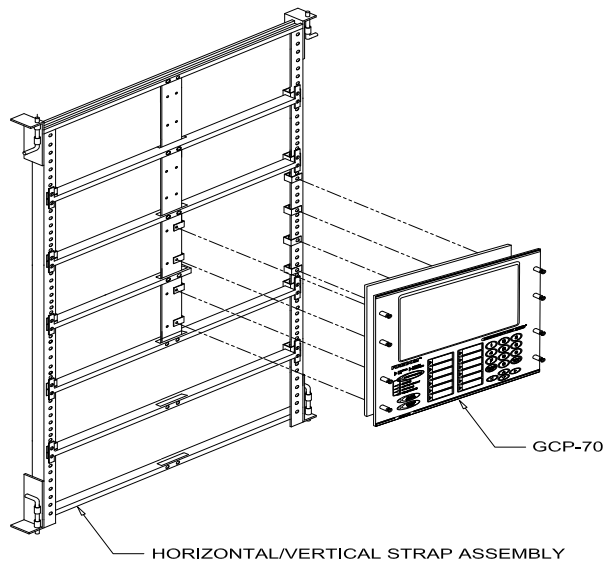
# Connection



# Engineering Specifications

The GCP-70 Graphic Control Panel Module shall contain a Liquid Crystal Display (LCD). It shall be capable of communicating with 40,000 points or 256 nodes. Three control switches for System Reset, Alarm Silence and Acknowledge are provided. Twelve user-programmable status LEDs, each with an associated membrane switch are used to perform control operations as required. A password protected menu shall allow the operator to view/print device status, enable or disable devices, activate or deactivate devices, change detector sensitivity, view/print History Log and enable Service Mode or Walk Test Mode features.

# Installation



# Electrical Specifications

|                                   |                   |
|-----------------------------------|-------------------|
| Operating Voltage                 | 24VDC             |
| Operating Current                 | 470mA             |
| Operating Temperature             | 0°C to 49°C       |
| Operating Relative Humidity Range | 0% to 93% @ 32° C |

# Ordering Information

| Model No. | Part No. | Description                  |
|-----------|----------|------------------------------|
| GCP-70    | 79515    | Graphic Control Panel 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.

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 2 of 2