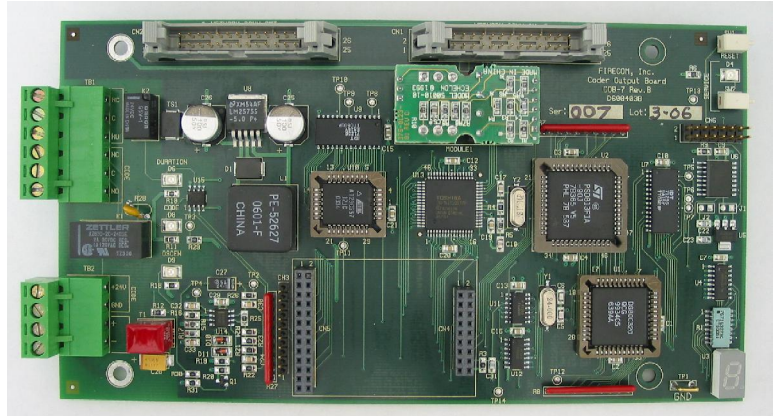


### Features

- ▶ Microprocessor Controlled
- ▶ Distributed Intelligent Network Module
- ▶ Non-Interfering Code Generation
- ▶ Up To 4 Digit Code Generation
- ▶ 10,000 Possible Codes
- ▶ Echelon® LonTalk® Communications
- ▶ Seven Segment Diagnostic LED
- ▶ Low Power Consumption
- ▶ 1/2 Module Footprint
- ▶ All Wiring Power Limited



### Description

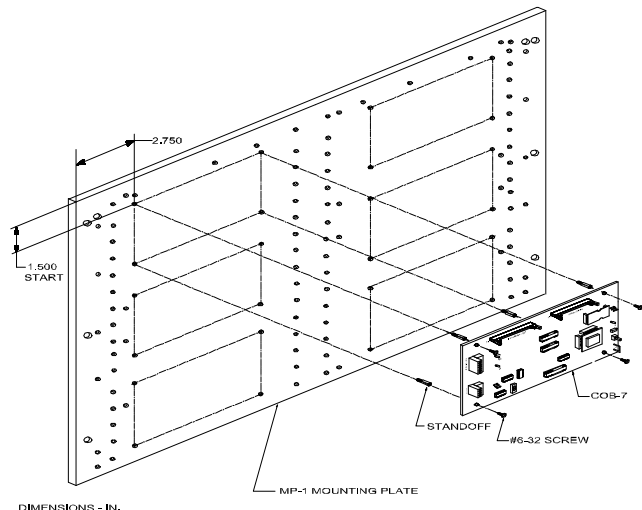
The COB-7 Coder Output Board provides positive, successive non-interfering coded outputs. Three types of outputs are provided; Dry Contact Form 'C', 24VDC @ 250mA or a 1K Audio signal that can be connected to the distributed or central audio system. A duration relay Dry Contact Form 'C' is also provided if required. The COB-7 Coder Output Board can generate up to 10,000 possible codes and can buffer up to 100 active codes at any time. Each code can have up to four digits and each digit can pulse up to 10 times. The maximum code is 10-10-10-10. The round count is software programmable for Alarm, Supervisory Alarm and Supervisory Normal device states.

### Installation

The COB-7 Coder Output Board occupies 1/2 module footprint and mounts to the MP-1 Mounting Plate. The COB-7 can also be mounted behind the BFM-1, BFM-2 or BFM-3 Blank Filler Modules.

### Approvals and Listings

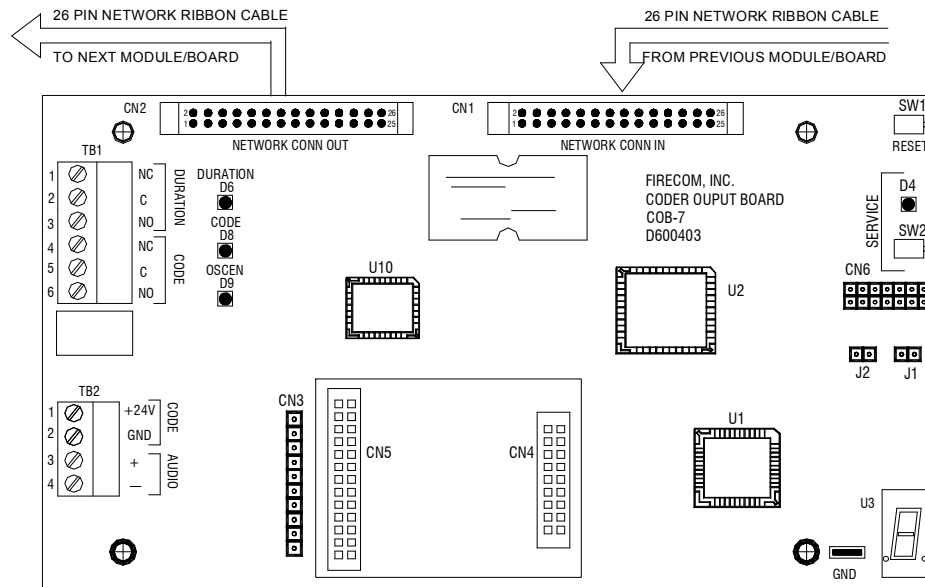
Underwriters Laboratories (File No. S2184)  
 NYC MEA (MEA No. 32-95-E)



# Engineering Specifications

The COB-7 Coder Output Board shall be capable of generating a coded output for Alarm, Supervisory Alarm or Supervisory Normal device states. Coded outputs will be generated by a Dry Contact Form 'C', 24VDC @ 250mA and 1K Audio signal. A Duration relay contact shall also be provided with a programmable delay from 1-15 seconds to allow external equipment to turn on and warm up before the tones are generated. After all codes have been annunciated, the user may choose to sound a March Code until System Reset has been pressed.

## Wiring Connection



## General Notes

1. COB-7 must be installed in same enclosure as the PS-6A or PS-6B Power Supply.
2. TB1-1, -2, -3 are Duration Relay Form 'C' dry contacts rated 24VDC @ 1A, 125VAC @ 0.5A.
3. TB1-4, -5, -6 are Code Relay Form 'C' dry contacts rated as 24VDC @ 1.5A, 125VAC @ 1A.
4. TB2-1, -2 are Code 24VDC output rated at 250mA.
5. TB2-3, -4 are 1K Tone Code Audio output rated at  $1V_{RMS}$  @ 600 ohms.

## Electrical Specifications

Operating Voltage	24VDC
Operating Current	
Supervisory	47mA
Alarm	60mA
Operating Temperature	0°C to 49°C
Operating Relative Humidity Range	0% to 93% @ 32°C

## Ordering Information

Model No.	Part No.	Description
COB-7	72306	Coder Output Board

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.