# MASTER ALARM
## Microprocessor based

Amico Corporation

## SPECIFICATIONS:

The Master Alarm system shall be an Amico **Alert-2** series, complete with a five-year warranty.

Each module shall be microprocessor based and field adjustable. A maintenance mode shall, when enabled, latch the alarms, requiring a reset after the alarm condition has been rectified. This is to assist in tracking down wiring problems or faulty field devices. The master alarm shall identify the last alarm condition by flashing, while the already acknowledged alarm shows a continuous red signal.

A repeat alarm function shall, when enabled, be capable of turning on the buzzer again, after a preset time, if the fault condition has not been rectified.

Each module shall handle 10 functions and up to 6 modules can be accommodated per standard box for a total of 60 functions. Master alarms shall be modular in construction and shall be capable of adding extra modules in the field. If an alarm occurs, a “RED” alarm LED light shall illuminate and the audible alarm shall sound. Pushing the “ALARM MUTE” button will silence the audible alarm, but the unit will remain in alarm condition until the problem is rectified.

The Alarm system shall be a closed circuit self monitoring type. A green “POWER” light shall provide indication that the unit is energized. In addition “TEST” and “ALARM MUTE” buttons shall be easily accessible to operate and test the unit.

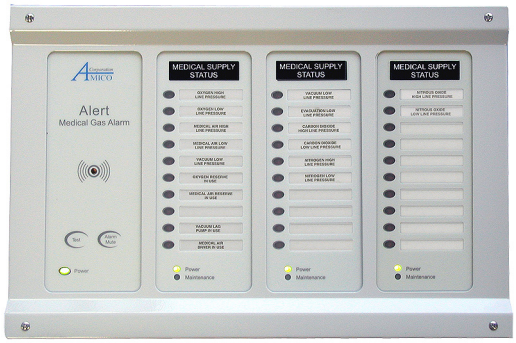
Every module shall be field upgradable to allow for interfacing to a building management system with the addition of an add-on circuit board which plugs into the master module.

The box shall be fabricated from 18 gauge [1.3 mm] steel and the box mounting brackets shall be adjustable to accommodate for different thickness of the wall.

Input power to the Amico Alert-2 alarm is: 115 VAC to 220 VAC, 50 to 60 HZ. Amico products comply with NFPA-99.

The Alarm is **UL** Listed to U.S. and Canadian safety standards.

c UL us LISTED




## FEATURES:

- ❑ Optional interface to the hospital via the Amico Information Management System (AIMS) or an Ethernet connection
- ❑ Microprocessor based with an individual microprocessor on each module
- ❑ Up to 60 functions in a standard configuration
- ❑ LED Alarm lights utilized for long life
- ❑ Area Alarm Modules can be intermixed with Master Alarm Modules
- ❑ Maintenance mode for ease of trouble shooting
- ❑ Self diagnostic circuitry for added reliability
- ❑ Modules can be upgraded in the field to interface to a building management system or slave alarm
- ❑ Alarm buzzer in excess of 90 decibels
- ❑ All modules to be mounted on a hinged frame for easy accessibility
- ❑ Last alarm flashes, acknowledged alarm shows continuous RED signal
- ❑ Repeat alarm adjustable 10, 15, 30 minutes or off
- ❑ Dry contacts for remote monitoring of high and low alarms and the distance between the master module and source equipment can be up to 10,000 ft. (3,000 m)

## PROJECT:

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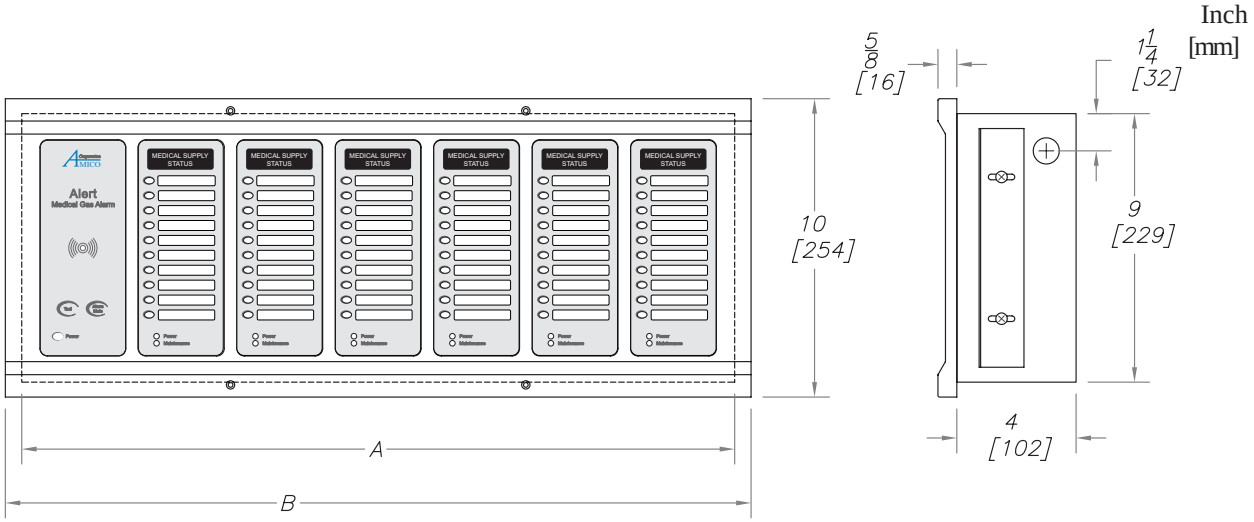
_____

_____

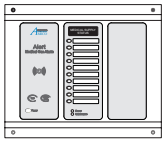
# DIMENSIONS

Inch
[mm]

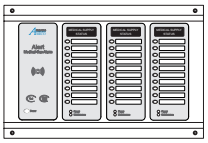



| NUMBER OF DISPLAY MODULES | A | B |
|---|---|---|
| FROM 1 TO 2 MODULES | 11 [272] | 12 [305] |
| FROM 1 TO 3 MODULES | 14 [356] | 15 [381] |
| FROM 1 TO 6 MODULES | 24 [610] | 25 [635] |

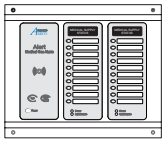
# MODEL NUMBERS



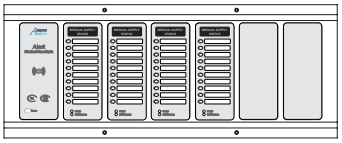
*10 Functions=*
*A2M-E-10*
*2 gang backbox*



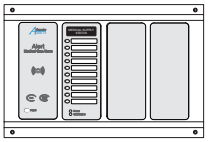
*30 Functions=*
*A2M-E-30*



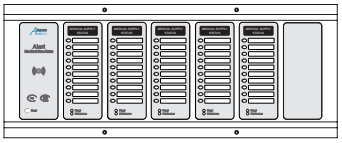
*20 Functions=*
*A2M-E-20*
*2 gang backbox*



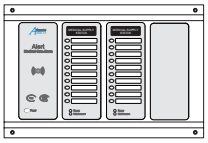
*40 Functions=*
*A2M-E-40*



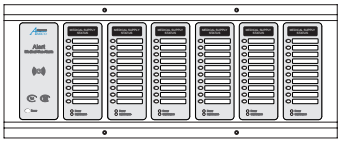
*10 Functions=*
*A2M-E-10*



*50 Functions=*
*A2M-E-50*



*20 Functions=*
*A2M-E-20*



*60 Functions=*
*A2M-E-60*

*A2M(C)-E-20*

Conversion

The fourth character defines the language:

U = English (NFPA)
E = English (CSA)
F = French (CSA)
S = Spanish (NFPA)

Example:
2 Modules, English (20 Functions) = A2M-E-20

# DISTRIBUTED BY:


Corporation AMICO 14 Madison Rd., Fairfield, NJ 07004 USA
85 Fulton Way, Richmond Hill, ON L4B 2N4 Canada

Tel: 1-877-GO AMICO (1-877-462-6426)
Fax: (905) 764-0862 www.amico.com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