

# HOOD MOUNTED INTERFACE ALARM

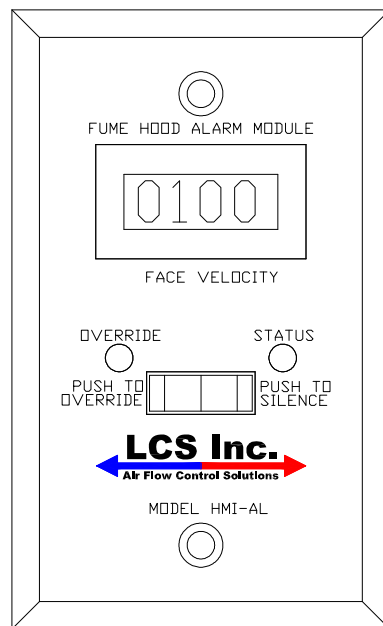
## HMI-AL

### GENERAL DESCRIPTION

The Hood Mounted Interface Alarm is a user interface module designed to provide fume hood operating and alarm status, face velocity, emergency override, alarm indication and acknowledgment functions. Alarm setpoints and time delays, prior to alarming, are programmable. Once the alarm condition ceases to exist the alarm and mute functions are reset automatically.

Alarm annunciation is as follows:

- Normal condition:                      Status LED green
- Alarm condition:                        Status LED red
  - Low face velocity
  - High face velocity
- Emergency override:                  Override LED lighted
- Face velocity display:                3½ digit LCD (0-200 FPM)
- Caution or control transition:
  - Status LED flashes alternately (Green/Red)
- Buzzer:
  - Energized in any alarm condition (continuous tone)
  - Energized in override condition (pulsating tone)
- Override/Status rocker switch:
  - Left:    Override (maintained position) - Reset override by pressing right side
  - Right: Alarm acknowledgment / audible mute (momentary position)



### SPECIFICATIONS

MODEL NO.:            HMI-AL  
 STATUS INDICATION:  
     Visual:            Status - Green/Red LED 1/4" diameter  
                           Override - Red LED 1/4" diameter  
     Audible:          Horn - Piezo electric transducer, 70dB at 1 meter  
 CONNECTION:        10-conductor  
 MOUNTING:           2" x 3 x 2" cut-out (single gang Junction box - by LCS)  
 DIMENSIONS:         Face plate: 2 3/4" x 4 1/2"



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Title:  
 Hood Mounted Interface Alarm

Model Number:  
 HMI-AL

Drawing Number:  
 HMI-AL-DS

Date:  
 3/3/04