

# HOOD MOUNTED INTERFACE ALARM HMI-AL-B

## GENERAL DESCRIPTION

The Hood Mounted Interface Alarm is a user interface module designed to provide to the occupant fume hood velocity display, visual and audible alarm indication, audible alarm acknowledgement and override functions. Alarm set-points and Time delays, prior to alarming, are programmable. Once the alarm condition clears the alarm and mute functions are reset automatically.

Display functions are as follows:

Status LED will light Green indicating normal fume hood face velocity.

Status LED will light Red indicating low/high fume hood face Velocity.

During caution or control transition: Status LED's Red and Green will flash alternately.

Audible Alarm Horn: 70 dB @ 30cm energized in any alarm condition (pulsating tone).

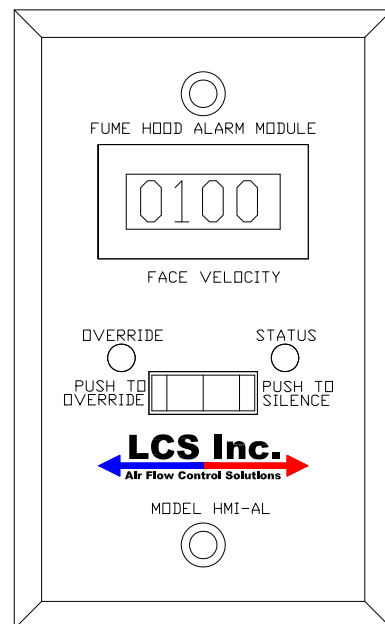
Push Button Switch: 2 position rocker

Right Position (Momentary): Audible alarm acknowledgement (Push to Silence).

Left Position (Maintained): Override function (Push to Override).

In override mode, Override LED will light and audible alarm horn will be energized (continuous tone).

Fume Hood Velocity Display: High contrast 3.5 digit 0.375"H Segment LCD display w/ range -1999 to 1999. Factory calibrated to display 0 @ 0.00Vdc, 200 @ 10.00Vdc. Please contact LCS Inc. for special calibration requirements.



ORDERING INFORMATION: Model number HMI-AL-B

CONNECTION: 8 CONDUCTOR 22 Ga. w/shield

POWER REQUIREMENTS: 24Vdc @ 65mA max.

MOUNTING: 4"H x 2"W cut-out (2"D single gang junction box - by others)

DIMENSIONS: 4 1/2"H x 2 3/4"W x 1 3/4"D

WEIGHT: 4 oz.



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Title:  
Hood Mounted Interface Alarm

Model Number:  
HMI-AL-B

Drawing Number:  
HMI-AL-B-DS

Date:  
August 25, 2017