

# SAFETY LIGHT MUTING INTERFACE FOR PRESS BRAKES

## **DSMC 1**

## Model DSMC 1 MUTE-OUT CONTROLLER



## DESCRIPTION:

The *Mute-Out Controller* is a control reliable system with self checking and relay monitoring that was designed to interface safety lights to brake presses. The safety lights will remain active until the ram reaches 1/4" (6.35mm) above the pinch point. At that point it will mute the safety lights making forming easy. The Mute-Out Controller has a pinch point stop or "select-o-stop" as a standard option that is especially good for the forming of small parts. When the ram reaches the 1/4" (6.35mm) point, it will automatically stop the ram and the operator will be able to place the part in the die and cycle the foot switch again.

## INTERFACES:

The *Mute-Out Controller* will interface with up or down acting brake presses whether they are hydraulic, air clutch, or mechanical friction clutch. It will not, however, work with full revolution machines. In the case of hydraulic machines, the signals can be obtained directly from the panel or a linear cam kit can be installed. It also has no problem interfacing with brakes retrofitted with back-gauges and those that have X-Y axis.

Examples of some of the brakes the Controller will interface with include Amada Up-Acting, Allsteel / Pirahna, Wysong, Pearson, etc.

## MODELS:

The *Mute-Out Controller* can be purchased as a stand alone in a NEMA 12 enclosure, panel mount or circuit board only with onboard diagnostic display. A remote diagnostic display is also available.

## ORDERING PROCEDURE:

MM	_____	_____	_____	_____	_____
Mute Master	U-Up Acting D-Down Acting	A-Box B-Panel Mount C-Board Only	R-Remote Diagnostics Display (with board only)	Y-Yes N-No Drawing Supplied	Name Model of Brake

## SPECIFICATIONS:

Input Power	24Volts AC or DC
Power Consumption	14W
Output Circuit	K1 relay is N.O. isolated circuit at 6 amp contact rating. Monitored K2 relay is N.O. isolated circuit at 6 amp contact rating. Monitored.
Input Indicators	Red = output Green = output
Digital Display	Alphanumeric
Construction	18 gauge steel welded, powder coat blue. Lockable door with sealed cable entry.

## INSTALLATION:

The *Mute-Out Controller* is a very simple system providing quick and easy installation. To install the system, all you need is a foot switch input signal, top position input signal, 1/4" (6.35mm) pinch point input signal, and a safety light input signal. The Controller comes with full diagnostics for easy trouble shooting with large indicators—a .450" (11.43mm) square LED—for input indication making it easy for the operator to know what is transpiring at all times.

# 2 YEAR WARRANTY

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