

# PRE-START WARNING CONTROLLER



**PRE-START WARNING TIMER**  
12728



**PRE-START WARNING TIMER KIT**  
12727

## Purpose & Benefits

The Muirhead® Pre-start Warning Controller, is designed to warn personnel that a machine is about to start/crank by activating an alarm for a selected time period prior to allowing the machine to start. The timer is automatically triggered when the ignition switch is turned to the start position. The pre-start time duration is configurable to suit each application.

## Equipment Type

All heavy mobile equipment that requires an audible alarm prior to starting a machine.

## Target Customer

All operators of heavy mobile equipment concerned with unintentional person to vehicle interaction upon machine start up. Can be fitted to any mobile equipment such as haul trucks, graders, dozers, fuel/service trucks, water trucks, and light vehicles.

## Functionality

When the start switch on the machine is activated, the audible alarm will sound, and the timer is activated. After the pre-start time period has elapsed, the controller will supply a positive output to the start solenoid and start/crank the machine.

The time period is determined by connecting a selection of inputs (from the 12-pin connector) to ground. If no inputs are connected, the pre-set minimum warning time will be used (four seconds, by default).

APN	HEAVY DUTY	IP65 CONTROLLER	AUDIBLE WARNING
12728	Y	Y	N
12727	Y	Y	Y

## Variations

Pre-start Warning Kit 12727 is supplied with wiring harness, connectors, and alarm module.

Kit 12728 is supplied with wiring harness and no alarm module.

## Key Features

- ▶ Multi-voltage (12 to 24 volts)
- ▶ Enforces safe operating practices
- ▶ Protects personnel working on & near machine
- ▶ Configurable alarm time
- ▶ Compact and robust
- ▶ Simple installation
- ▶ Visual status indicators
- ▶ Environmentally sealed – IP65
- ▶ Ruggedised components for long life
- ▶ Simple and automatic operation

### ADDITIONAL DOCUMENTS

PRODUCT ONLINE



CUSTOMER DATASHEET

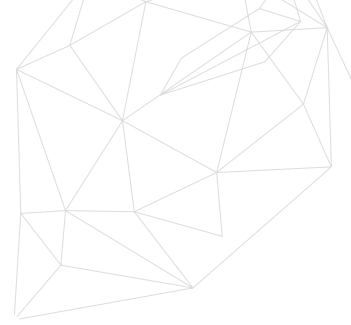


MANUAL



# PRODUCT OUTLINE SHEET

## PRE-START WARNING CONTROLLER



### Parts List

PARTS LIST – QUANTITY SUPPLIED

PART #	DESCRIPTION	12727	12728
12738	GENERIC LOOM TO SUIT 11474	1	1
6162	ALARM WARNING 102DB 12/24V	1	-
0824	TERMINAL INSUL BLUE 4.2MM HOLE	2	-
12539	CONTROL PRE START WARNING	1	1

### Quoting & Pricing

Pre-start Warning Controller pricing in Price List will include all of the components listed above in the Parts List. Spare or replacement parts can be ordered via the part numbers in the Parts List.

### Additional Documents

ITEM	DESCRIPTION	DOCUMENT NUMBER/TITLE
1	Datasheet	<a href="#">SBMH0615123-Pre-start-Warning-Controller</a>
2	Product Manual	<a href="#">M0937</a>

### Related Images

