

INCLINE ALARM & SHUTDOWN CONTROLLER



**INCLINE SHUTDOWN 35° (deg)
DETECTION SYSTEM**

1800



**INCLINE SHUTDOWN 60° (deg)
DETECTION SYSTEM**

4089

Purpose & Benefits

When operating on inclines, operators need to know when they are approaching a dangerous incline angle that could cause a machine roll over.

The Muirhead® Incline Alarm and Shutdown Controller has been designed as a safety device to alert operators that the mobile plant they are controlling has reached a pre-set angle that may be unsafe for continued operation.

An audible alert will notify the operator that he will need to reduce their operating incline if they wish to continue to operate. If operation continues at the incline the machine will shut down.

Equipment Type

All heavy mobile equipment which operate in dangerous incline areas.

Target Customer

All operators of heavy mobile equipment that require a device to inform them of pending risks associated with operating in dangerous incline environments. Equipment such as drill rigs, haul trucks, graders, dozers, fuel trucks and water trucks.

Functionality

This product has been designed to warn mobile machinery operators that their machine is operating on a dangerous incline.

If the machine exceeds the maximum allowable incline (kit dependent) in all directions, the operator will be alerted via audible and visual warning for a pre-set time.

This warning period is switch selectable between 5, 6, 15 and 25 seconds. After a further 7 seconds the engine will be shut down.

The system has an override switch incorporated to enable the operator to override the system once the engine has shut down due to an over inclined state to move it to a safe incline angle.

APN	HEAVY DUTY	ADJUSTABLE SHUTDOWN DELAY	IP65 CONTROLLER	VISUAL AND AUDIBLE WARNING
1800	Y	Y	Y	Y
4089	Y	Y	Y	Y

Variations

The 1800 is preset for 35° and the 4089 is preset for 60°.

Key Features

- ▶ Simple to install
- ▶ Audible and visual warning
- ▶ Configurable warning periods.
- ▶ Multi-Voltage
- ▶ Kit 1800 Senses angles greater than 35° ± 10° in all directions
- ▶ Kit 4089 Senses angles greater than 60° ± 10° in all directions
- ▶ Incorporates an override facility which enables the operator to override the system once the engine has shut down due to an over inclined state

ADDITIONAL DOCUMENTS

PRODUCT ONLINE

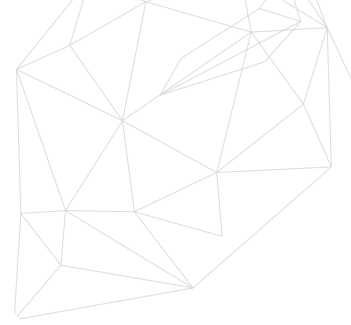


CUSTOMER DATASHEET



MANUAL





PRODUCT OUTLINE SHEET

INCLINE ALARM & SHUTDOWN CONTROLLER

Parts List

PARTS LIST – QUANTITY SUPPLIED

PART #	DESCRIPTION	1800	4089
1801	CONTROLLER 35°	1	-
4090	CONTROLLER 60°	-	1
9419	WARNING LABEL	1	1
6896	SHUTDOWN LABEL	1	1
0821	TERMINAL F/SPADE BLUE	2	4
0824	TERMINAL BLUE 4.2 MM HOLE	2	1
0826	TERMINAL BLUE 6.6 MM HOLE	1	1
9393	LED M/V RED 2T FLASHING	1	1
0822	YELLOW SPADE TERMINAL	2	1
1723	WARNING ALARM	1	1
3627	SWITCH COVER	1	1
1520	SWITCH OVERRIDE	1	1

Quoting & Pricing

Incline kit 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	Datasheets	SBMH0316001-Incline-Shutdown-Systems
2	Product Manuals	M0085 M0178

Related Images

