



# Immediate cost reductions across your fleet

## EXCESS IDLE TIMERS

An idling machine costs money. Being able to prevent excess idling reduces fuel usage and engine wear to significantly reduce operating costs across a fleet.

The Muirhead® Excess Idle Timer systems are designed to reduce these costs by warning, or safely turning off machines that have idled for a long period of time.

These systems can be programmed to allow for the engine to idle for a predetermined time. This time frame ranges from 1-12 minutes, in 1 minute increments; allowing the system to cater to specific site's operational requirements.

In addition, it will also protect diesel engines and turbochargers from immediate shutdown damage; allowing the engine to idle for a set period of time before final shutdown occurs.

The Muirhead® Excess Idle Timers are multi-voltage units to suit applications across all machine types. The kit includes a LED indicator with label, an alarm with mount, a switch to be mounted in the dash and a loom. Device configuration is carried out on a PC using the Muirhead® Programmable Controller Utility software package (PCU).



Reference: SBMH1114097



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Features

- Automatic engine shutdown if a machine idles for extended periods, with the park brake applied
- Standard idle down mode
- Multi-voltage
- Suitable for Energised to Run (ETR) systems
- Simple design and fitment
- Audible and visual warning
- Emergency shutdown switch
- Prohibits excess engine idling
- Extends the life of machinery and engine components
- Reduces downtime and running costs
- Basic on machine time period adjustment
- Advanced configuration via the Muirhead® Programmable Controller Utility (PCU)

Specifications

|                        |                                           |
|------------------------|-------------------------------------------|
| System Voltage         | 12 to 24 VDC (reverse polarity protected) |
| Maximum Current Output | 10Amp Continuous                          |
| Environmental Rating   | IP 65                                     |
| Inputs                 | Digital / Analogue                        |
| Outputs                | Digital                                   |
| Operating Temperature  | -10 to +65 °C                             |
| Dimensions             | L- 199mm, W- 80mm, H- 65mm                |

Parts

-  APN: 12362
- CONTROLLER EXCESS IDLE SHUTDOWN
-  APN: 12476
- CONTROLLER EXCESS IDLE WARNING WITH GROUND SPEED DETECTION
-  APN: 13641
- KIT EXCESS IDLE WARNING WITH GROUND SPEED DETECTION

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