MUIRHEAD®

Increase productivity and stop overcranking damage



OVERCRANK PROTECTION

If a machine's engine is cranked (turned or wound over) and fails to start, the continued cranking of the engine results in excessive heat and load on the starting circuit. This results in damage or premature failure of batteries, starter motors and cabling. This decreases the life of the machine's starting circuits which in turn reduces machine availability and productivity.

The Muirhead® Overcrank Protection kit preserves the starting system by preventing crank when the engine is turned on and limiting the amount of times the engine may be cranked; then locking out the start circuit to allow for system components to cool down. This reduces the flattening of batteries and abuse of an engine's starting components – helping to extend the life of the system as a whole.

The Overcrank Protection system will provide a visual indication to the operator – alerting them when a starting circuit is isolated. An override switch may be incorporated to allow maintenance staff to carry out servicing tasks without the start circuit being inhibited.

Basic on-machine configuration of both the crank time and start interlock periods, or advanced programming are available through a PC using the Muirhead® Programmable Controller Utility (PCU) software package.

Features

- Multi-voltage
- Universal application
- Visual warning
- Integrated mount
- Simple on-machine time period adjustment
- Advanced configuration via the Muirhead® Programmable Controller Utility
- Optional Crank lockout when engine already running

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˚C to 65˚C (14˚F to 149˚F)
Dimensions	199mm (L) x 80mm (W) x 65mm (H) (7.83" x 3.14" x 2.55")

Parts

APN:	11966	CONTROLLER OVERCRANK MODULE MULTI VOLTAGE
APN:	12725	KIT OVERCRANK 24V
APN:	12726	KIT OVERCRANK 12V

Reference: SBMH050717

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