

Increase productivity - Stop over-cranking damage

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, resulting in damage or premature failure of batteries, starter motors and cabling. This decreases the life of machine starting circuits which, in turn, reduces machine availability and productivity.

The **Muirhead®** Over Crank Protection kit preserves the starting system by limiting the amount of times the engine may be cranked and locking-out the start circuit to allow for system components to cool down. This, in turn, reduces flattening of batteries, and abuse of an engine's starting components which help to extend the life of the starting system as a whole.

The **Muirhead®** Over Crank Protection kit 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 software package (PCU).



Specifications

System Voltage 12 to 24 Vdc (reverse-polarity protected)

Maximum Current Output 10 Amp Continuous

Environmental Rating IP65

Inputs Digital / Analogue

Outputs Digital

Operating Temperature -10° to +65° C

Dimensions L - 199 mm, W - 80 mm, H - 65 mm

Features

- Multi-voltage
- Universal application
- Visual warning
- Integrated mount
- Simple on machine time period adjustment
- Advanced configuration via the **Muirhead®** Programmable Controller Utility (PCU)

Part Number	OE Number	Description
T077517500		Over Crank Protection

This may not be a stock item. Please speak to our sales representative about lead times. Lead times, price and availability can only be determined on receipt of an official quote from our supplier. This can sometimes take up to 3 days.

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