

Ensure long-term machine performance and productivity in extreme conditions

Maintaining machine performance and productivity in all conditions is paramount. This is particularly important for machines operating in extreme temperatures, as they are more prone to engine damage when shutdown is not carried out correctly.

RCT's **Muirhead®** Idle Timers help to regulate engine and turbo component temperatures by allowing the engine to idle for a predetermined time, to ensure they are protected upon shutdown. Idle times range from 1-12 minutes, in 1-minute increments before final shutdown takes place. Setup and configuration of the Idle Timers can be managed via a PC connection, using the **Muirhead®** Programmable Controller Utility software package (PCU), or manually through the system switch.

Muirhead® Idle Timers are multi-voltage units, making them versatile across all machine types. These solutions are available for both Energise to Run (ETR) and Energise to Stop (ETS) engine control, in addition to a version with an engine crank interlock to prevent the engine from being cranked if a ground-level shutdown switch is active. These kits are supplied with a LED indicator and switch, complete with loom and labels for them to be mounted on the dash.











Specifications

System Voltage	:	12 to 24 Vdc (reverse polarity protected)
Maximum Current Output	:	10 Amp Continuous
Environmental Rating	:	IP 65
Inputs	:	Digital/Analogue
Outputs	:	Digital
Operating Temperature	:	-10° to +65° C
Dimensions	:	199 (l) x 80 (w) x 65 (h) mm



Features

- Multi-voltage
- Selectable idle time cycle provides flexibility in shutdown time from 1 - 12 minutes, in 1-minute increments
- Suitable for Energised To Run (ETR) systems and Energised To Stop (ETS) systems
- Steering accumulator bleed down output
- Park brake input
- Ground-level machine shutdown
- Universal application
- Visual warning
- Integrated mount
- Simple and easy-to-use
- Advanced configuration via the **Muirhead®** Programmable Controller Utility (PCU)

	Part Number	OE Number	Description
	T11450	11450	Energised to run idle timer multi-voltage
	T11452	11452	Kit idle timer multi-voltage
	T11951	11951	Kit idle timer (panel & plug)
	T12285	12285	Kit idle timer t/s f-series Volvo loader
	T12286	12286	Kit idle timer t/s Komatsu machines
	T12444	12444	Idle timer etr with inverted park brake input
	T12534	12534	Idle timer energise to stop
	T12535	12535	Idle timer with start inhibit
	T12730	12730	Kit idle timer ets
	T12735	12735	Kit idle timer start inhibit

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.

Gauteng (HO):
T: +27 (0)11 823 5650

North West:
T: +27 (0)14 596 5257

Eastern Cape:
T: +27 (0)81 036 9111

Botswana, Letlhakane:
T: +267 297 8568

KwaZulu Natal:
T: +27 (0)31 303 4129

Mpumalanga:
T: +27 (0)13 692 8132

Free State:
T: +27 (0)63 257 0505

Mozambique:
T: +258 252 20666

Northern Cape:
T: +27 (0)53 723 3415

Western Cape:
T: +27 (0)21 945 1453

Botswana, Jwaneng:
T: +267 588 7617

Zambia:
T: +26 (0)21 222 5338