Idle Timer

Allowing engines to cool down; saving you money

Hummingbird Electronics' Idle Timing module keeps an engine running for a pre-specified period after ignition has been turned to the off position. This allows the engine to cool-down before switching off preventing premature turbo wear and failure.

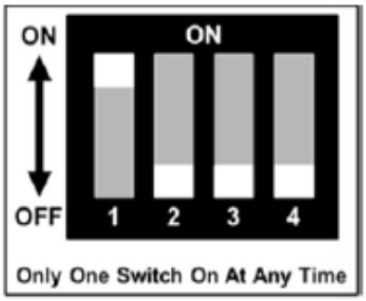
Idle Timer with override and status output

Powerful Performance

The timer module is designed for quick and easy installation with the ignition input and output wire connected directly in series with the vehicle's ignition supply.

Idle time can be set between 1 and 5 minutes using 4 dip switches that can be found under the lid of the device.

S1 – 1 Min
S2 – 2 Min
S3 – 3 Min
S4 – 5 Min



An optional override input allows an operator to bypass the cool-down period and instantly turn the engine off. A key off output signal is available for auxiliary power functions. An LED output allows for a visual indication for the operator. When ignition is turned off, the LED will flash indicating the idle time in minutes and will then stay on for the idle time.

Designed for harsh automotive environments, the module features transient voltage protection on the supply and short circuit protection.

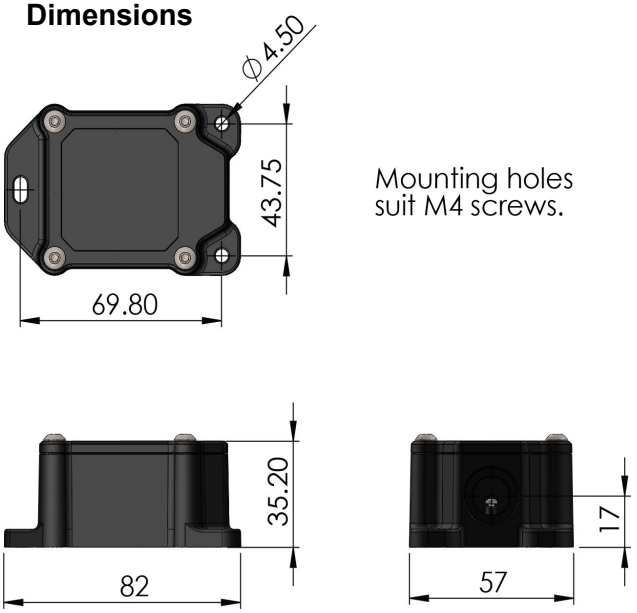
The Idle Timing module is suitable for use in both 12V and 24V vehicles.

Rugged Hardware

The Idle Timer is supplied in a rugged aluminium enclosure with provision for screw mounting when required.

A red LED inside is provided to give the user status information.

Dimensions



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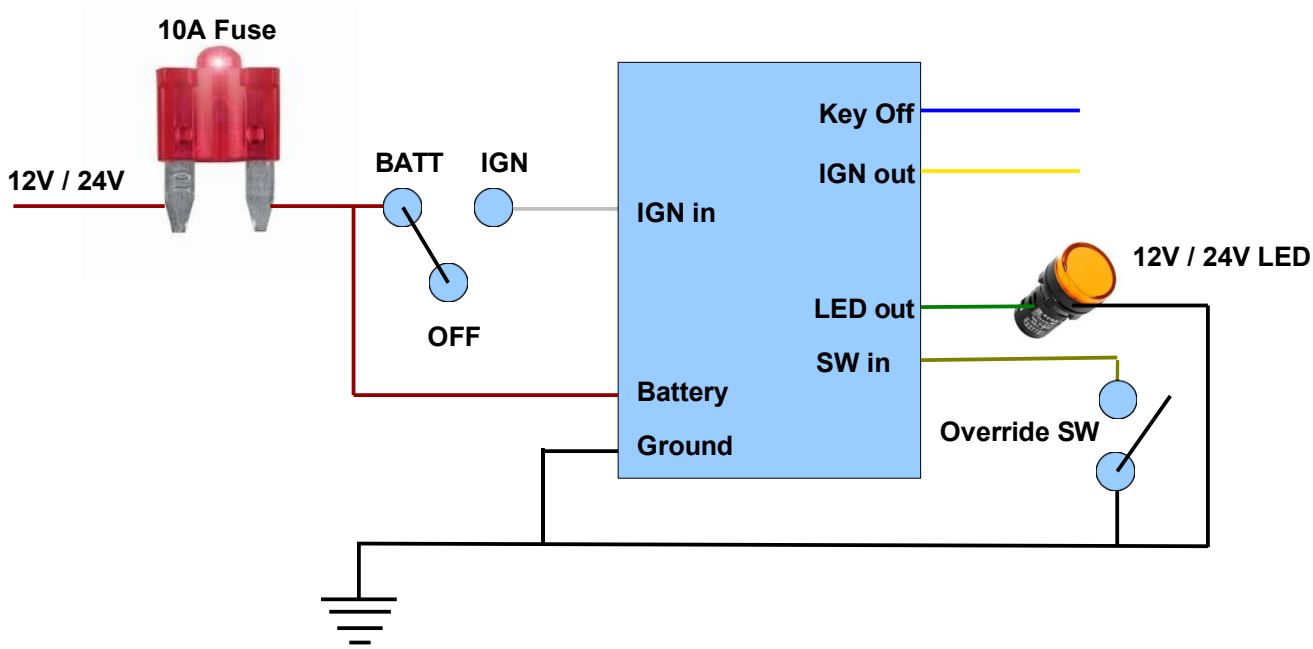
Technical Specifications and Ordering Information	
Part number	HMLI003
Power consumption	25mA @ 24V input; 600mW (all outputs off)
Dimensions (mm)	57mm(w) x 82mm(l) x 35.20mm(h)
Input voltage	Minimum 9V, maximum 36V
Outputs (LED)	Maximum 250mA per output
Relay (BATT, IGN IN, IGN OUT)	Maximum 10A in 24V systems. Note the relay is not internally fused.
Idle time	Min 1 minute, maximum 5 min
Bypass Switch	Switch to ground to activate bypass
Operating temperature	-40°C to 85°C; 5% to 95% relative humidity



Key to wire colours:

Red:	Battery Positive
Black:	Ground
White:	Ignition In
Yellow:	Ignition Out
Blue:	Key Off
Green:	indicator LED
Brown:	Override Switch in