

## SPEEDCHECK Model SSM100

## Dual Output Smart Speed Switch

SpeedCheck is a compact robust electronic module that incorporates two programmable outputs which are triggered via a user programmable frequency (speed) input. These outputs can be set to Normally On or Normally Off state and there is the option to set a 5% or 10% hysteresis switch off. A 2X input frequency (speed) multiplier is available in setup to trigger outputs at double the input frequency (speed). The front of the module incorporates a set/reset button and LED indication for both programming and operation functions. The SPEEDCHECK SSM100 is primarily designed for mobile plant that operates on 24VDC.

### Applications

- Engine Overspeed Warning
- Road Overspeed Warning
- 2 Stage Overspeed Warning (Operator & Modular Mining)
- Low Idle Load Cutoff

### Features

- Single or Dual Output
- Normally On or Normally Off Outputs
- Programmable Setpoints
- Adjustable Hysteresis
- LED indication for power, inputs, outputs & setup
- High quality Deutsch DT electrical connector (6 pin)
- Quick and easy installation & setup
- Single 7mm mounting hole
- Encapsulated enclosure to resist vibration
- Front mounted dip switches and button for programming

### Specifications

Voltage.....	24v
Standby Current.....	10mA
Operating Current (Single).....	50mA
Operating Current (Dual).....	66mA
Frequency Range.....	20Hz to 20KHz
Frequency Amplitude.....	1V P/P Min – 60V P/P Max
Waveform.....	AC or DC Square, Sine or Triangle
Maximum Continuous Current...	4 Amp (Relay), 200mA (Transistor)
Maximum Peak Current.....	5 Amp (Relay), 250mA (Transistor)
Dimensions.....	100mm x 49mm x 44mm (H,W,D includes mounting bracket )
Weight.....	250g



**WARRANTY:** Montronics Pty Ltd Warrants the SpeedCheck Dual Output Smart Speed Switch for a period of 12 months from date of purchase. Warranty shall cover defects in material and workmanship of the Module Only. Any failure due to or arising from faulty installation, abuse or neglect is beyond the control of the manufacturer and as such will void warranty. All warranty will be carried out at the manufacturers premises. The cost of removal, postage, freight etc, shall be the owners responsibility.