

ELECTRONIC SPEED SWITCH FOR DIESEL/GAS ENGINES

The ECU-SS18 is a state of the art electronic speed switch. It is designed for rugged system use and easy interface. The SS18 is a small and compact speed switch but is packed full of useful features.

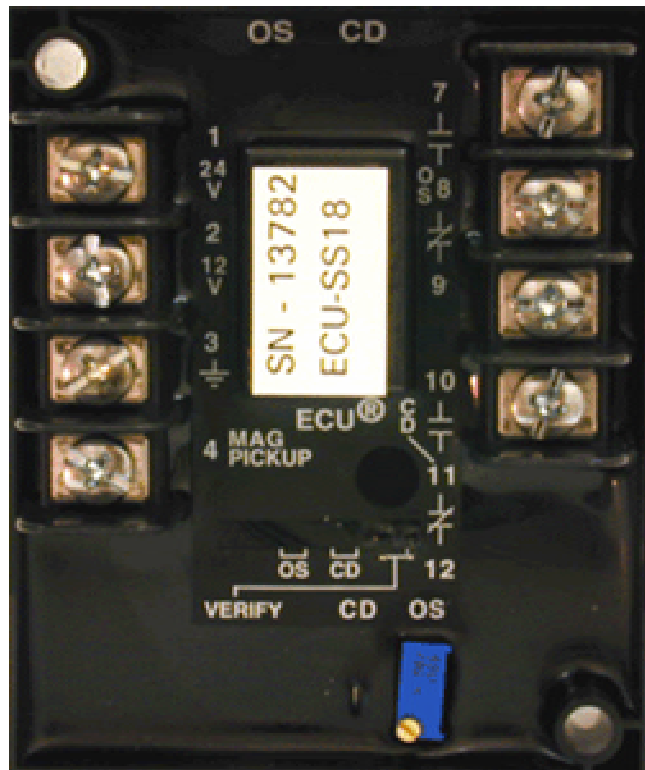
ECU® -SS18
**ONE VERSION FOR
12 AND 24 VDC**

APPLICATIONS: Generators, Pumps, Compressors

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FEATURES:

- One Element speed switch
- Verify mode
- Wide speed sensing range from 500 to 9500 Hertz
- High current output for solenoid control
- Epoxy encapsulated module for excellent field reliability
- Wide temperature range -40C to +85C
- LED for Overspeed
- Programmable for latching or non-latching output



ECU® -SS18 EASY TO USE VERIFY MODE

The ECU-SS18 speed switch features a Verify Mode. This feature is useful because it reduces the engine stress normally associated with the setting of Overspeed trip points. When jumpered together, the verify pins lower the Overspeed and Crank Disconnect trip points by approximately 13%.

ECU® -SS18 EASY TO USE PROGRAMMABLE RELAY LATCHING

The ECU-SS18 speed switch allows the user to program the relay to stay latched until the power is removed or automatically reset when the engine stops.

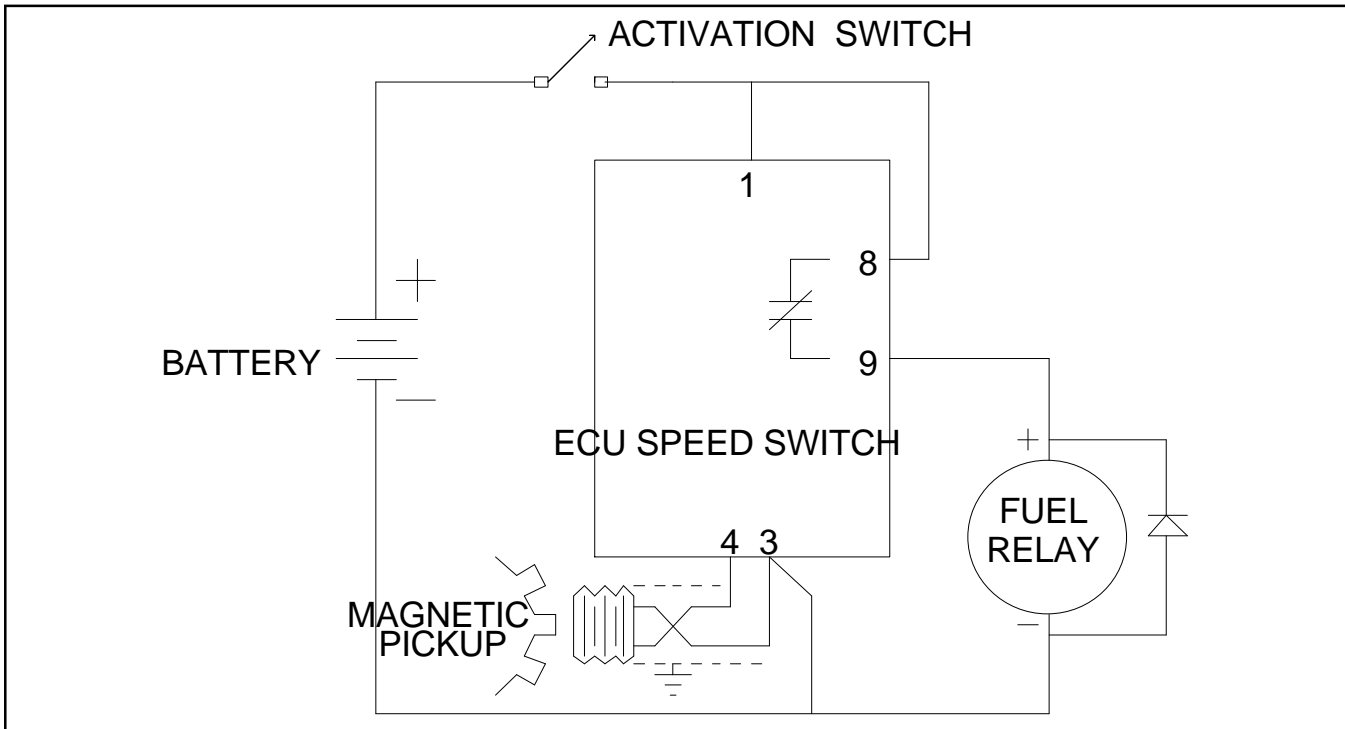
If the Overspeed jumper is installed, power must be removed from the speed switch to reset the relay. When the Overspeed jumper is removed, the relay resets when the engine stops.

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P.O. BOX 250 - 8950 TECHNOLOGY DRIVE - FISHERS, IN 46038

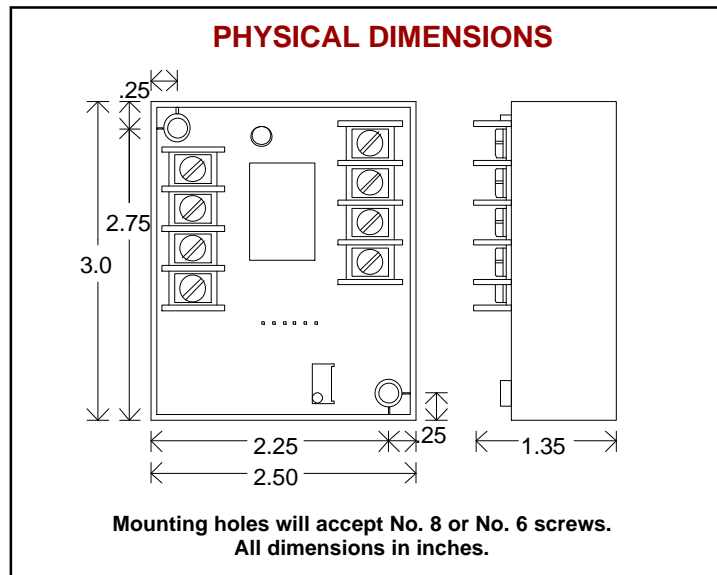
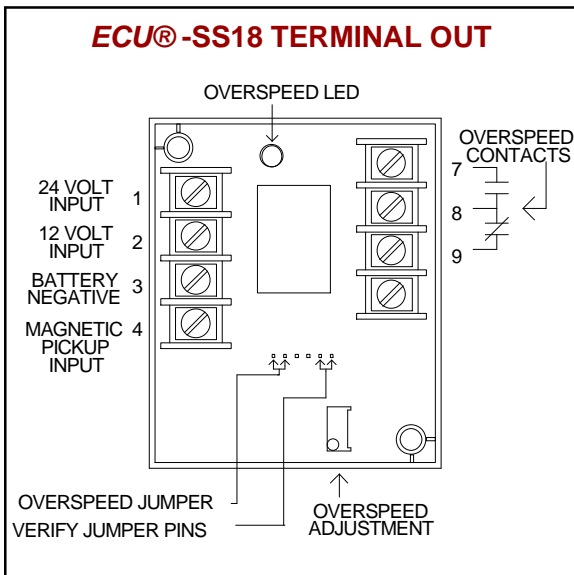
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**SAMPLE ECU®-SS18 APPLICATION:
SIMPLE ENGINE OVERSPEED PROTECTION CIRCUIT**



The diagram above shows the ECU speed switch and an external Fuel relay used to provide low cost Overspeed shutdown. When the Activation Switch is closed the speed switch begins monitoring the engine speed. Also battery positive is applied to the Fuel relay via the normally closed Overspeed contacts (terminals 8 and 9) of the speed switch. If the engine speed reaches the Overspeed trip setpoint then the Overspeed relay will energize, opening the normally closed contacts (terminals 8 and 9 of the speed switch), and thereby disengaging the Fuel relay and shutdown the engine.

SPECIFICATIONS: **OUTPUT RATING - 10 AMPS MAX**
 12 VOLT MODE - 9 TO 15 VOLTS
 24 VOLT MODE - 19 TO 28 VOLTS
 MAGNETIC PICKUP - 500 TO 9500 HERTZ



ORDERING INFORMATION:
ORDER BY SPECIFYING: ECU®-SS18

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