

12V Battery Watchdog

Hawkeye Innovations LLC

1. Connect the red wire (Pin 1) to +12V and the black wire to a solid Ground (-12V). It is recommended to use a 12VDC 0.5A fuse. ***WARNING: Incorrect polarity on the power input will damage the unit!***

2. Pin out is as follows:

Red wire = Fused +12V

Black wire = -12V (Ground)

Orange wire = DC/DC Signal (+12V out)

Blue Wire = Auxiliary +12V converter turn on input (Apply +12V to turn on and off converter, overriding Watchdog status).

NOTE: They Watchdog may trigger after initialization, this is normal. Just allow it to sit for your programmed trigger duration, and then the Watchdog will return to normal operation.

Status LED:

- During start-up, the status LED will blink blue 3 times and then turn green when initialization is complete. The green LED will stay on for 3 seconds and then disappear.

- The LED will provide a quick blink every 15 seconds to show that the Watchdog is monitoring the battery.

- When the battery falls below threshold, the LED will turn teal while the relay is engaged. Both the LED and relay will turn off when time limit is reached.

Specs:

Standby current draw: <10mA @ 13.2V \pm 1%

Voltage detect: 12.7V \pm 1% Duration: 4 minutes

Relay current: 0.25A MAX Please only use the relay for signaling.