

# Water Pump Controller Model 145

C-Storm Electronics LLC

3/1/2011

Revision A

## Water Pump Controller Model 145



Part Number: WPC145

The WPC145 will latch the load on or off from a momentary switch input. The water pump controller is designed to control the ground side of the load.

Features include:

- Momentary Switch input
- Multiple switches could be used.
- Up to a 10 Amp controllable Load
- 12 Volt System
- Small wire gauge for control wiring. (Eliminates the need to use heavy gauge wiring to the control switch)
- Multiple applications: Pump, Motor, lighting, etc.
- Potted Unit
- Green Led Diagnostic Indicator: Turns on when the input switch is pressed.
- Yellow LED Diagnostic Indicator: Turn on when the output is latched on.
- 1/4" Fast On connections
- Drop in replacement for the Intellitec Part# 00-00145-100

## WPC145 Ratings

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**Part Number:**

WPC145

**Operating Voltage:**

9 to 16 VDC

**Maximum DC current**

10 Amps

**Standby Current:**

0.002 Amps

**Operating Temperature:**

-40°C to 85°C

**Environment:**

Sealed Unit

**Diagnostic Indicators:**

Green Indicator

Yellow Indicator

**Drop in replacement for:**

Intellitec Part 00-00145-100



## WPC145

### Connector Information

Main 12 Volt Power

J1: ¼" Fast On

Control Switch Input

J2: ¼" Fast On

Controllable Load Negative side

J3: ¼" Fast On

Power Ground

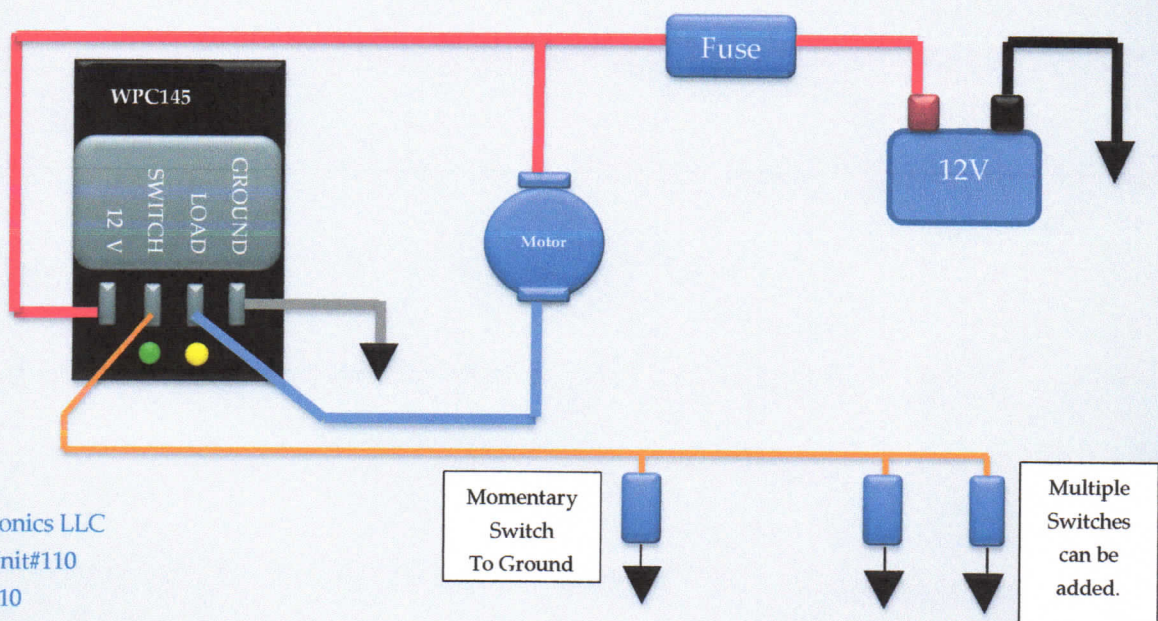
J4: ¼" Fast On

### Diagnostic Information:

● Green LED: Is only "on" when the switch input is pressed. If the Green LED is on all the time, the switch input is making a connection to ground (Indicating a shorted switch or the wire harness has a short to ground on it.)

● Yellow LED: Is only "ON" when the output is latched on. If you see the Yellow LED turning on and off with the control switch, but the load isn't turning on, the load wiring and/or load need to be checked.

### WPC145 Wiring Diagram



C-Storm Electronics LLC  
1183 Pierson Unit#110  
Batavia, IL 60510  
cstormelectronics@comcast.net