

Power Converter 12v Wiring Instructions

When AC power is present, Power Converter will operate compressor from 115v or 230v AC.

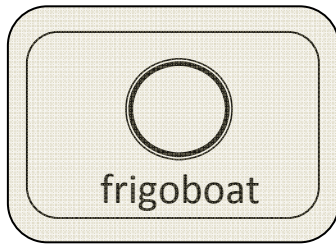
When no AC present, Power Converter will operate compressor from 12v battery supply.

“Light” terminals will give 12v at all times when power source(s) connected. Max load 15 watts.

Digital thermostat must be powered direct from 12v battery, as shown.

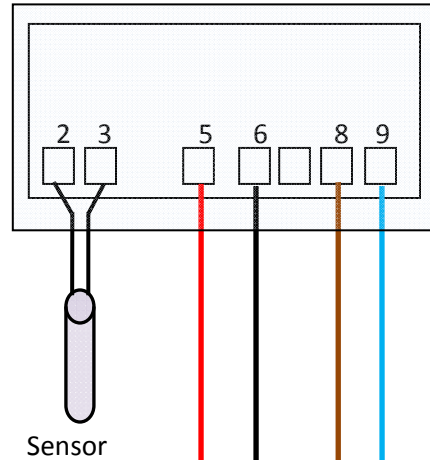
Either This:

Mechanical Thermostat

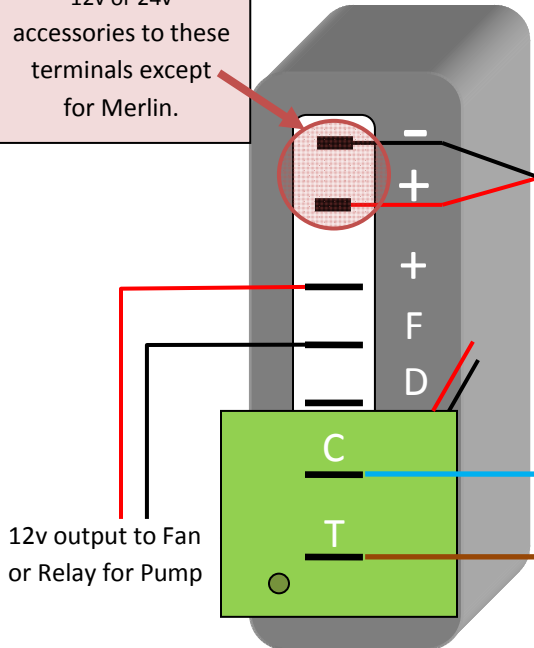


Or This:

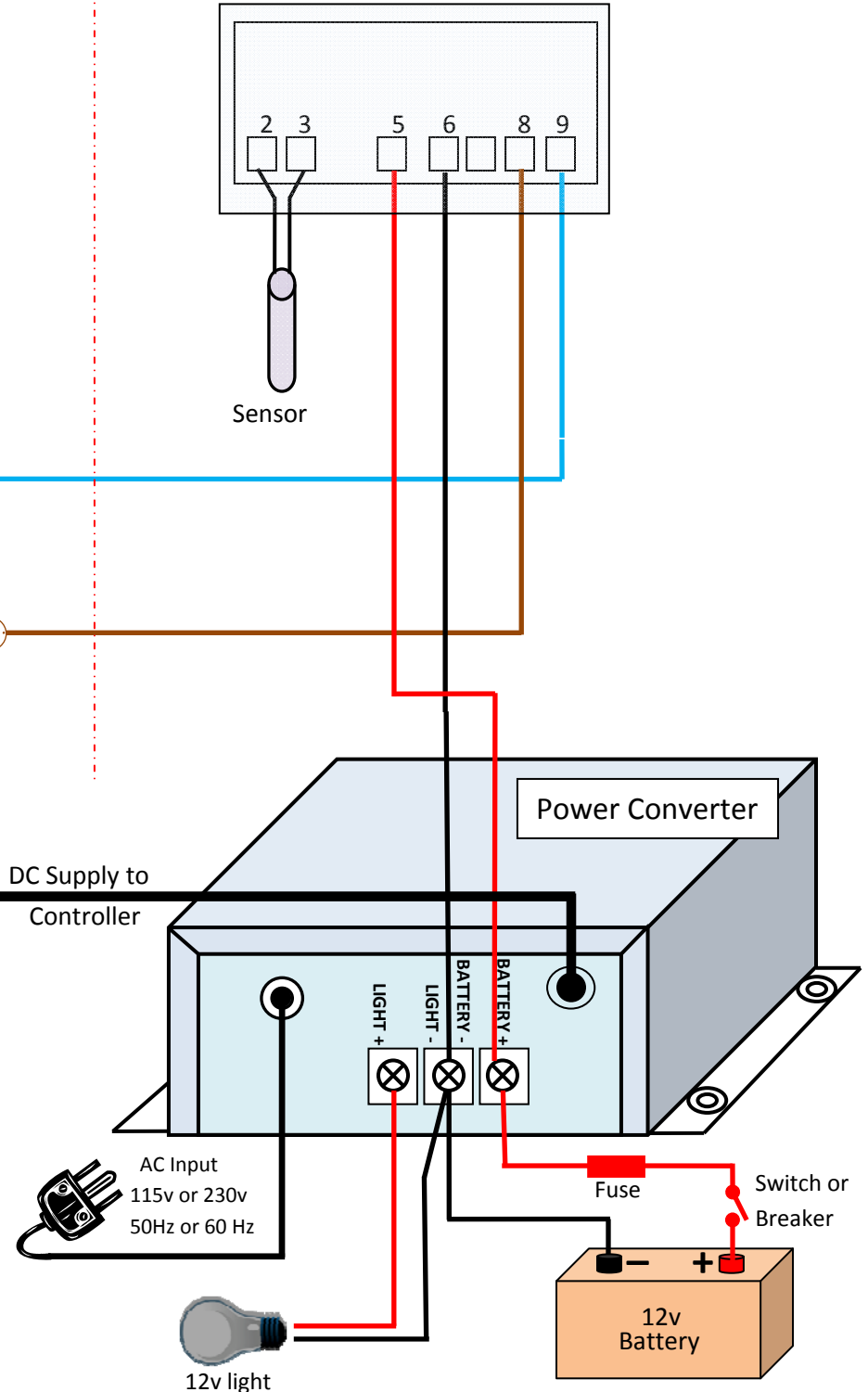
Coastal MK II 12v Model or Guardian



Do not connect any 12v or 24v accessories to these terminals except for Merlin.



Danfoss 101N0210 controller
Shown with Merlin installed



AC Input
115v or 230v
50Hz or 60 Hz

12v light

Fuse

Switch or
Breaker

12v
Battery