

# AC/DC Controller Wiring Instructions

If both AC and DC power sources connected, Controller will operate system from AC source.

If AC source disconnected, Controller will operate system and 12v controls from 12v or 24v DC source.

If DC 12v or 24v source disconnected, Controller will operate system and 12v controls from AC source.

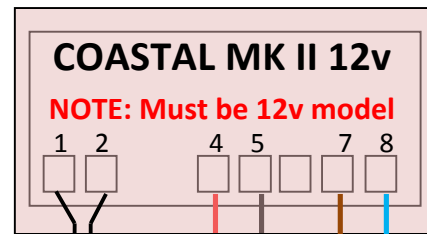
**Either This:**

## Mechanical Thermostat



**Or This:**

## Digital Thermostat



Sensor

Pre-wired harness

NOTE: If Merlin SSC is to be installed, contact Coastal Climate Control for instructions

Do not connect any 12v accessories to these terminals. Connect them to terminals A and C.

12v output to Fan, or Relay for Pump

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

12v or 24v DC Supply

12v DC output for accessories +  
Max. 0.5 Amp continuous -

Fuse

Switch or breaker

12v or 24v Battery

12v light, 12v digital thermostat, or other 12v accessories

Danfoss 101N0500 AC/DC controller

