

OJ800 MOTORS

ELECTRONIC CENTRIFUGAL SWITCH (ESC)

INTRODUCING THE NEW ESC WITH START CAPACITOR!

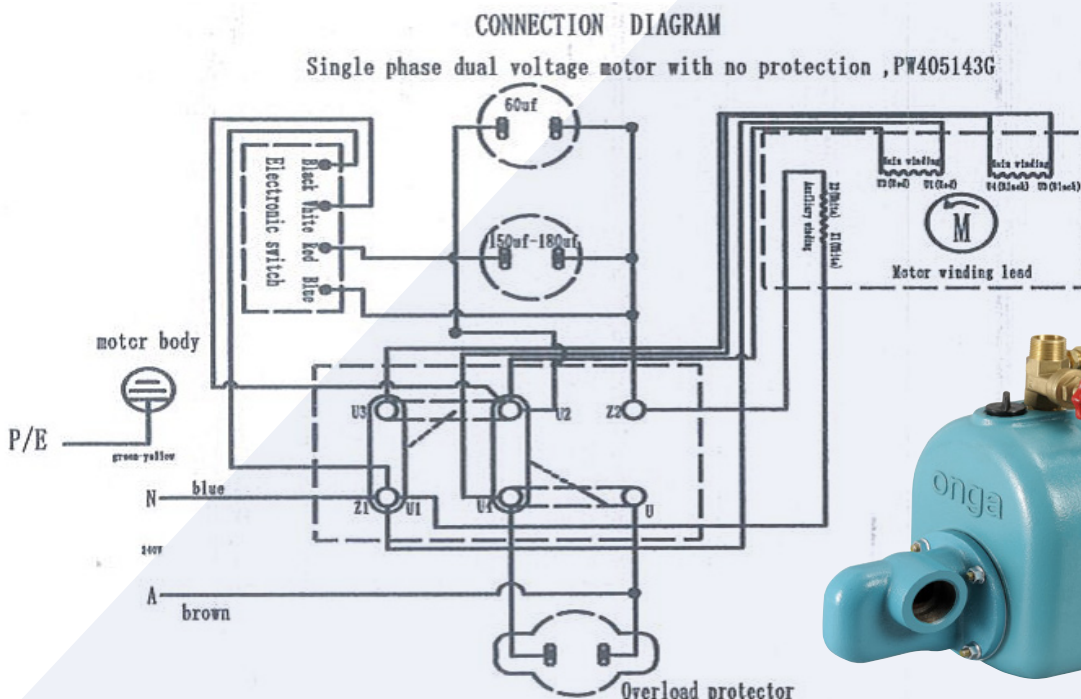
Reports from the field identified there were isolated reports of failures of both the single phase 3 and 5hp motors not starting. After extensive testing and working in conjunction with our motor partners we have introduced an electronic centrifugal switch (ESC) with a start capacitor to all OJ800 models to alleviate the reported issue.

The introduction of the ESC increases the starting torque with the start capacitor staying in circuit until the motor speed reaches 60-80% of synchronous speed. It is a solid state device that has a wide voltage range 198 VAC – 264 VAC and has a long life with an expectancy of one million cycles. Voltages outside this range should have external protective devices fitted.

The ESC kits are available for retro fitting of older motors. These kits include the ESC, a start and run capacitor as well as a wiring diagram that must be fitted to the inside of the capacitor cover. Kits for the 405134G and 405135G motors are 801980K and for the 405143G** 801981K

** Please note that the 405143G motor in both the 480 VAC and 240 VAC configurations have no protection provided. This is to be supplied by the installing electrician.

Wiring diagram below shows the connection of ESC kit to the motor.



If you have any questions, please contact technical department on **1300.137.344** or au.service@pentair.com