

# ELECTRO MECHANICAL MOTOR STARTER SWITCH

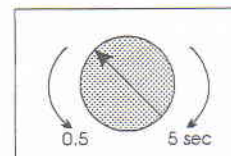
## "One model for all induction motors"

Just one starter switch replaces voltage sensitive relays, current sensitive relays and conventional centrifugal switches.

The 16Amp VK1 and the 30Amp VK2 unit works on the smallest fractional motor up through to 2.2 KW motors.

MODEL	VK1	VK2
Motor Rating	0.1kW - 1.2kW	1.5kW - 2.2kW
Rated Voltage	250VAC	250VAC
Switch Rated Current	16A start Winding	30A start Winding
Frequency	50-60 Hz (single phase)	50-60 Hz
Operating Temp	-20/+80° C	-20/+80° C
Time Range	0.5 seconds	5 seconds
Reset Period	0.2 Seconds	0.2 Seconds

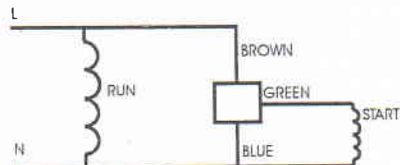
TRIMPOT



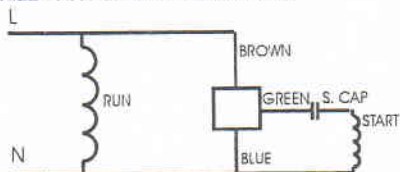
### DESCRIPTION OF OPERATION

Applying a 230VAC supply to the brown and blue wires initiates the start operation. The green wire supplies power to the start capacitor for a preset period which is adjustable from 0.5 to 5 seconds by means of a miniature trimpot. On the lapse of the preset time period, voltage is removed from the green wire and remains this way until supply is removed. Final start-up time adjustment must be done under load conditions.

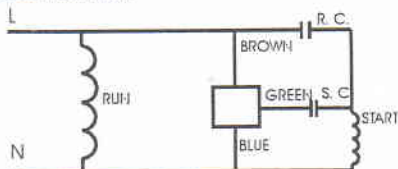
#### SPLIT PHASE



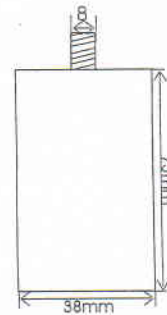
#### SINGLE CAPACITOR - START INDUCTION RUN



#### DUAL CAPACITOR



#### DIMENSIONS



**WARNING:** Failure to connect wiring correctly could result in damage to the unit. We will not refund this unit if it damaged due to incorrect application or if the unit is incorrectly connected. All units are fully tested to ensure that they are in perfect working condition when leaving our works.