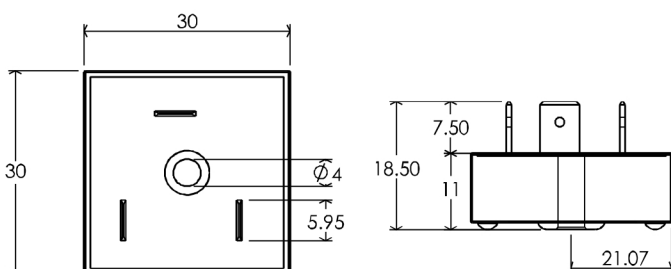


ELECTRONIC CENTRIFUGAL SWITCHES

FOR SPLIT PHASE INDUCTION MOTORS

ECS 125PS



MODEL CHART

Switching part	Motor ratings		
	Hp	Aux. coil rating volt	Pole
T2535-800G	0.5~3.0Hp	100 ~ 120 VAC	2,4,6

ELECTRICAL CHARACTERISTICS (TYPICAL RATINGS OTHER THAN SPECIFIED)

Parameter		ECS125PS	Unit
Non repetitive peak current @ half cycle, 50/60Hz		250	A
Thermal impedance @ 7.4sec, 25A		2.1	°C/W
Switch-on delay time @ 50/60Hz		2	cycle
*Discharge resistor		-	KΩ
**Forced switch-off locked rotor time	60Hz	7.4	sec
	50Hz	8.8	sec
**Maximum Number of successive restarts		-	-
Forced switch-off starting coil voltage		200 ~ 250	V
Line voltage, VL		100 ~ 120	V
Dielectric strength, between case and pins		>2500	VDC
Insulation resistance, between case and pins		>10	MΩ
Ambient air temperature		-20 ~ 60	°C

* For frequent(high duty)restarts, it is recommended to connect an additional resistor in parallel with starting capacitor.

**These can be initialized by either power interruptions or successful motor run states.

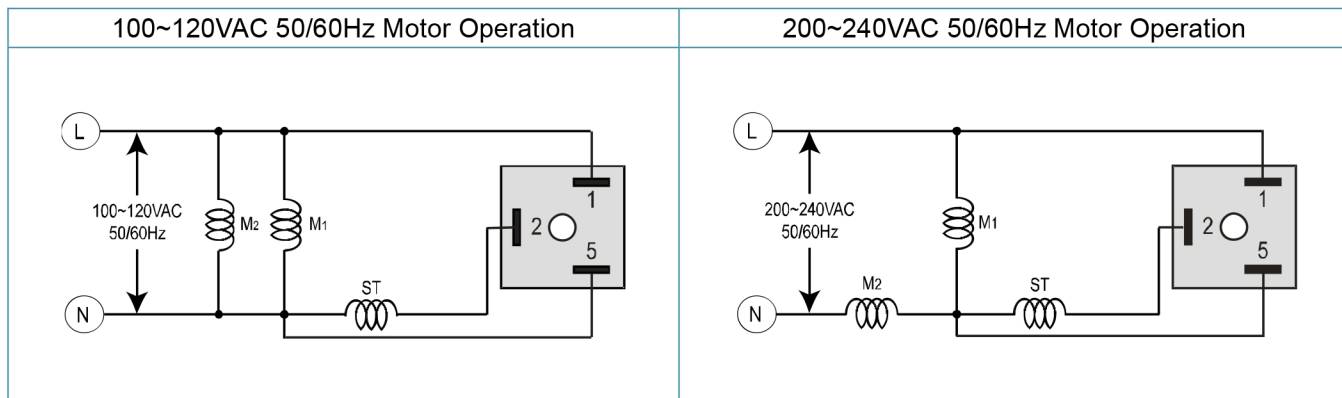
CERTIFICATION



IEC/ EN 60730-1(Automatic electrical controls for household and similar use)

IEC/ EN 60730-2-10(particular requirements for motor-starting relays)

TYPICAL WIRING



M₁,M₂ : Main Coil , ST : Starting Coil