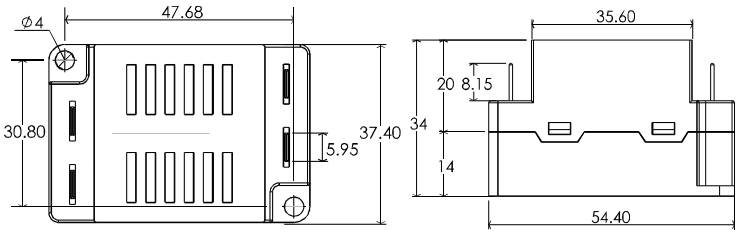
ELECTRONIC CENTRIFUGAL SWITCHES
FOR SPLIT PHASE INDUCTION MOTORS

ECS 225PS



MODEL CHART

Switching part	Motor ratings		
	Hp	Aux. coil rating volt	Pole
BTA24-600BW	0.5~6.0Hp	200 ~ 240 VAC	2,4,6

ELECTRICAL CHARACTERISTICS (TYPICAL RATINGS OTHER THAN SPECIFIED)

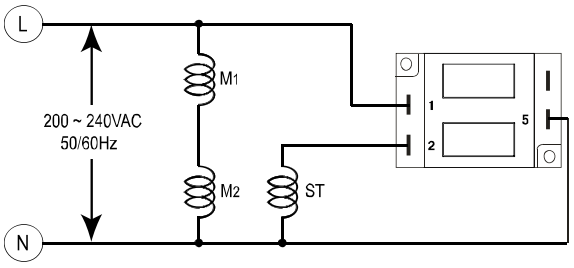
Parameter		ECS225PS	Unit
Non repetitive peak current @ half cycle, 50/60Hz		250	A
Thermal impedance @ 7.4sec, 25A		0.8	°C/W
Switch-on delay time @ 50/60Hz		1	cycle
*Discharge resistor		-	KΩ
**Forced switch-off locked rotor time	60Hz	7.4	sec
	50Hz	8.8	sec
**Maximum Number of successive restarts		-	-
Forced switch-off starting coil voltage		300 ~ 350	V
Line voltage, VL		200 ~ 250	V
Dielectric strength, between case and pins		>3750	VDC
Insulation resistance, between case and pins		>10	MΩ
Ambient air temperature		-20 ~ 60	°C

* For frequent(hight 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

100~120VAC 50/60Hz Motor Operation	200~240VAC 50/60Hz Motor Operation
Not applicable	

M_1,M_2 : Main Coil , ST : Starting Coil