

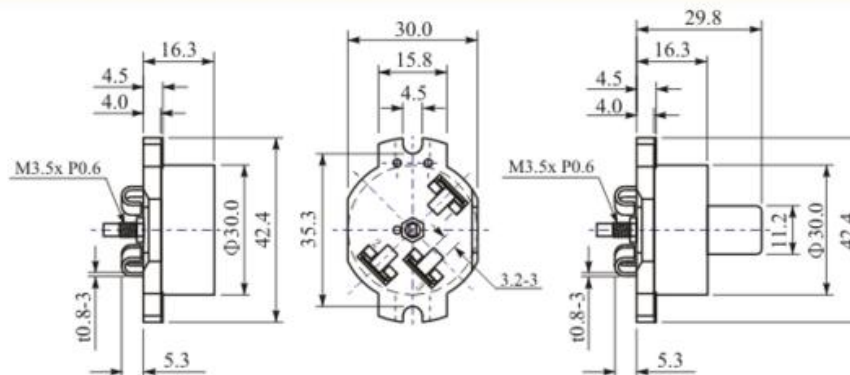
SERIES M-9005



M-9005Q,R



M-9005L,N



DIMENSION IN mm (tolerance ± 0.3 mm)

SPECIFICATIONS:

- ✿ STANDARD RATING : **1/2 HP ~ 2 HP**
- ✿ INPUT POWER : **125 VAC / 250 VAC**
- ✿ DIELECTRIC STRENGTH : **1000 VAC / 1 MIN**
- ✿ INSULATION RESISTANCE : **> 100 MΩ**
- ✿ ENDURANCE CYCLES : LOCK ROTOR MOTOR CURRENT/ **500 CYCLES. (M-9005Q,R)**
/2000 CYCLES. (M-9005L,N)
- ✿ CALIBRATION :

- 40°C - 100% OF SINGLE PHASE FULL LOAD CURRENT**
- CONTINUOUS CARRIED .
- 40°C - 156% OF SINGLE PHASE FULL LOAD CURRENT**
- TRIP WITHIN 30 MINUTES. (COMPARE WINDING TEMPERATURE) .
- 40°C - MAX CURRENT OF LOCKED MOTOR ROTOR**
- TRIP WITHIN 10 ± 5 SECOND (OPTION) .

✿ APPROVALS :

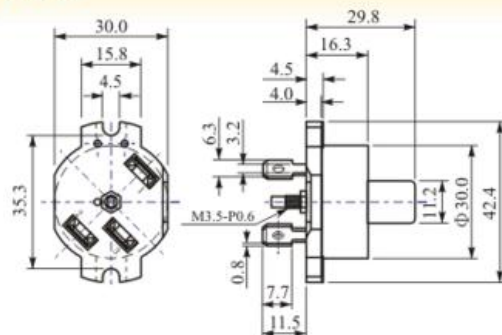
UL APPROVAL: 1/2 - 2 HP , 125 / 250 VAC , 105 °C - 120°C . (File No.: E125871)

Spec. Horsepower	Single Phase Full Load Current		Limited Short Circuit Test Current	Locked Rotor Motor	
	125 V	250 V		Current	Trip Time
1/2 HP	9.8 A	4.9 A	200 A	26 A	5 ~ 15 Sec
3/4 HP	13.8 A	6.9 A	1000 A	39 A	5 ~ 15 Sec
1 HP	16.0 A	8.0 A	1000 A	52 A	5 ~ 15 Sec
1 1/2 HP	20.0 A	10.0 A	2000 A	65 A	5 ~ 15 Sec
2 HP	24.0 A	12.0 A	2000 A	78 A	5 ~ 15 Sec

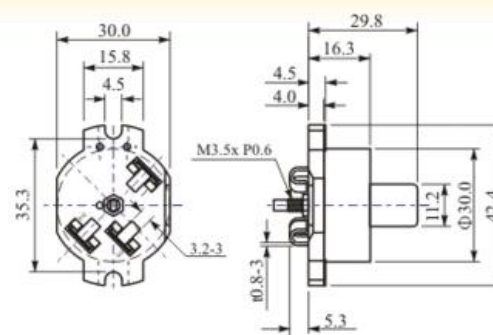
Item	Horsepower	Trip Time (Sec)	No Load Trip Temperature	Terminal Type
95	2: 1/2 HP 3: 3/4 HP 4: 1 HP 6: 1 1/2 HP 8: 2 HP	10	0: 105 ± 6 °C 2: 120 ± 6 °C	F: Fast Clip P: Plate H: Hook
Type	Maximum Load Current (A)	Tolerance ($\pm$ Sec)	Reset Temperature	
Q, R: Manual Reset L, N: Auto Reset	26 39 52 65 78	5	5: 55 ± 12 °C 6: 66 ± 12 °C	



SERIES M-9005



Fast Clip Type



Hook Type

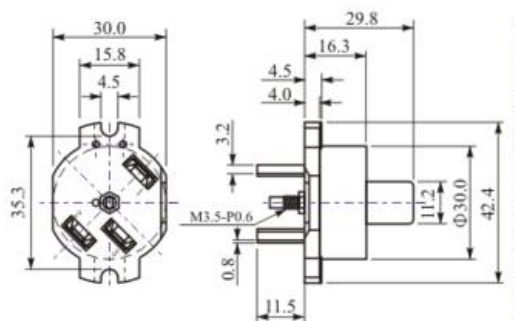
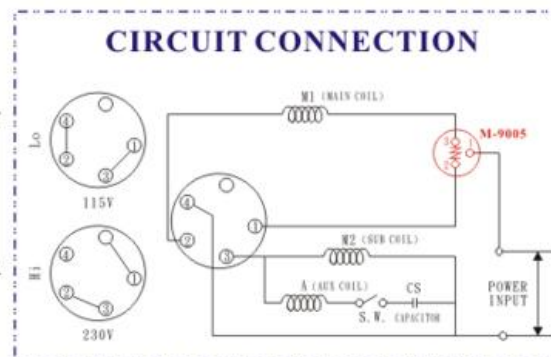
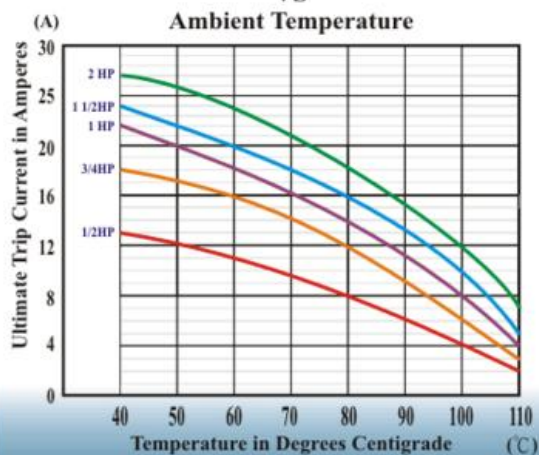


Plate Type



❀ EXAMPLE OF MOTOR PROTECTOR PERFORMANCE CURVES ❀

**Average Ultimate Trip Current
VS
Ambient Temperature**



**Average First Cycle Tripping Time
VS
Load Current in 25°C Ambient**

