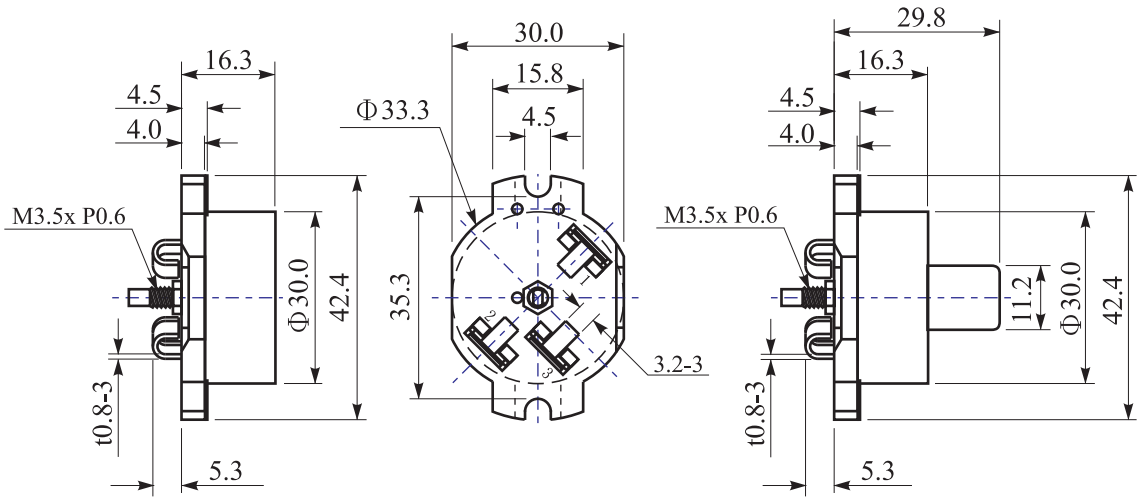
SWEETA® 喜威達企業股份有限公司
Sweeta Products Corporation

SCBM-9005Q,R

SCBM-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℃ - **100%** OF SINGLE PHASE FULL LOAD CURRENT
  - **CONTINUOUS CARRIED** .
  40℃ - **156%** OF SINGLE PHASE FULL LOAD CURRENT
  - TRIP WITHIN **30** MINUTES. (COMPARE WINDING TEMPERATURE) .
  40℃ - **MAX CURRENT** OF LOCKED MOTOR ROTOR
  - TRIP WITHIN **10** ±**5** SECOND (OPTION) .
- **APPROVALS :**
  U L APPROVAL: **1/2 - 2** HP , **125 / 250** VAC , **105** ℃ **- 120**℃ . **(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	Type	Horsepower	Maximum Load Current (A)	Trip Time (Sec)	Tolerance (±Sec)	No Load Trip Temperature	Reset Temperature	Terminal Type
95	Q, R: Manual Reset L, N: Auto Reset	2: 1/2 HP 3: 3/4 HP 4: 1 HP 6: 1 1/2 HP 8: 2 HP	26 39 52 65 78	10	5	0: 105±6℃ 2: 120±6℃	5: 55±12℃ 6: 66±12℃	F: Fast Clip P: Plate H: Hook

NO EXTRA NOTIFICATION FOR PRODUCT SCALE CHANGE

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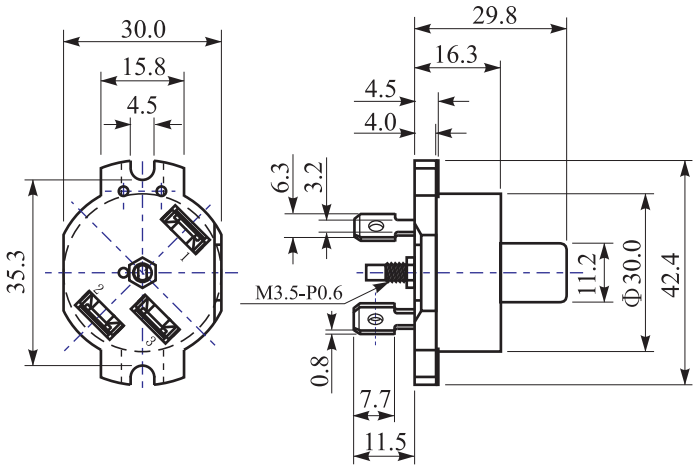
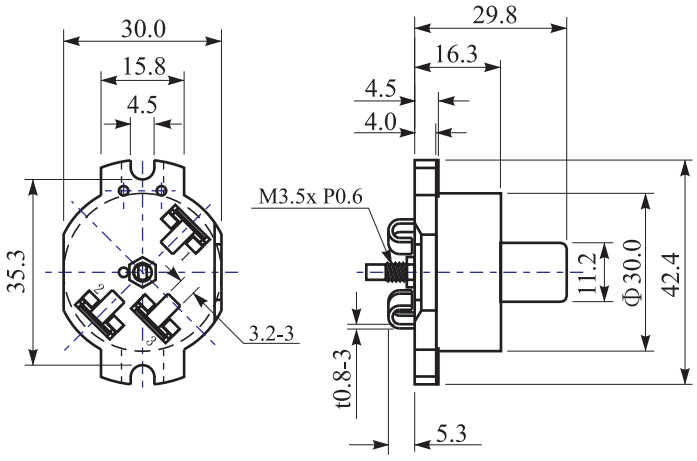


Fast Clip Type



Hook Type

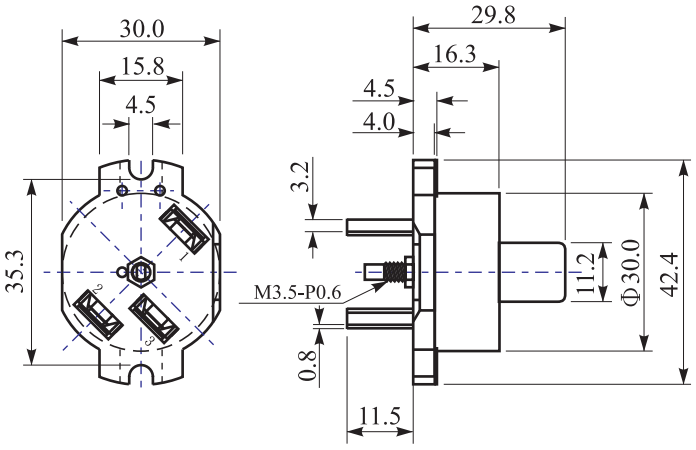
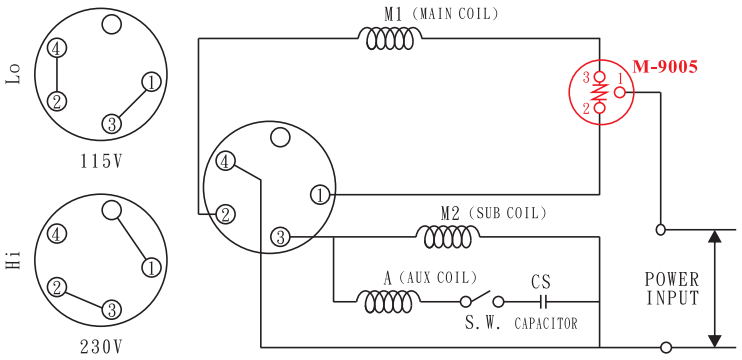


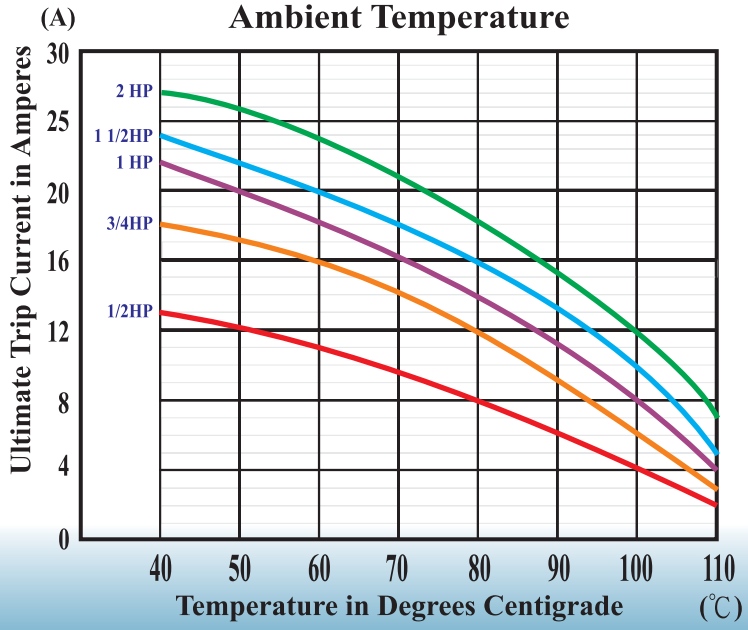
Plate Type

CIRCUIT CONNECTION

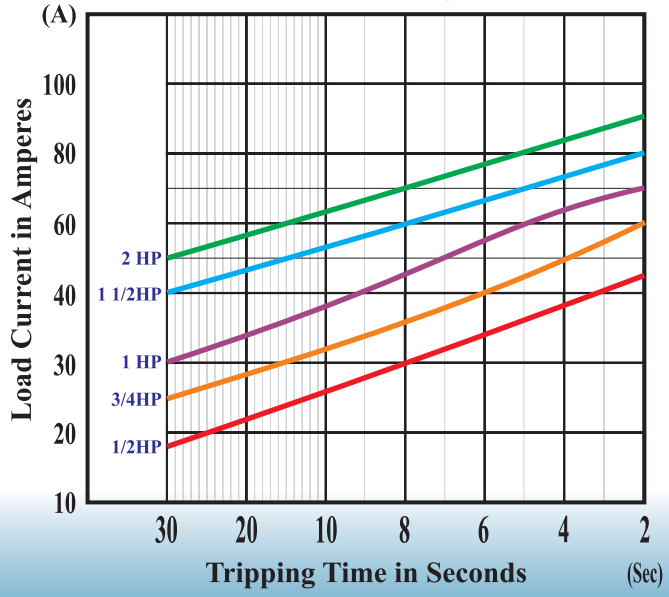


❀ EXAMPLE OF MOTOR PROTECTOR PERFORMANCE CURVES ❀

Average Ultimate Trip Current VS Ambient Temperature



Average First Cycle Tripping Time VS Load Current in 25℃ Ambient



NO EXTRA NOTIFICATION FOR PRODUCT SCALE CHANGE