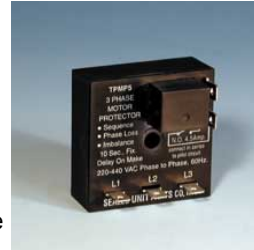




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## TPMP Series Three Phase Motor Protector

Configured in a compact package, the TPMP Series Three Phase Motor Protectors provide a range of protection for motors. From phase sequence problems to phase loss and out of balance issues, there is a TPMP model that fits the application.



All of the TPMP models disconnect the motor pilot circuit when the monitored problem is detected and will only re-energize the circuit when all 3 phases are activated at the full voltage rates and the 10 second delay on make time has elapsed\*. (The TPMP0, 1 and 2 do not have a 10 second delay.)

### Applications

Protects 3 phase compressors and motors in air conditioning and refrigeration systems:

- Comfort Cooling
- Manufacturing/ Production
- Utilities

### Benefits

- Motor protection at economical prices
- Several models guarding against:
  - Incorrect Phase Sequencing
  - Phase loss
  - Phase Imbalance (fixed or variable)
- Easy Installation
- 10 second time delay on make upon re-energizing circuit (except for TPMP0, 1 and 2).

Choose the right model for your protection:

Model No.	Protection Against		
	Improper Phase Sequence	Phase Loss	Phase Imbalance
TPMP0	Yes	No	No
TPMP1	Yes	No	No
TPMP2	No	Yes	(Fixed 7%)
TPMP4	Yes	Yes	(Fixed 7%)
TPMP5	Yes	Yes	(Fixed 7%)
TPMP6	Yes	Yes	(Fixed 7%)
TPMP4A	Yes	Yes	(Adjustable)
TPMP5A	Yes	Yes	(Adjustable)
TPMP6A	Yes	Yes	(Adjustable)

### Specifications

Part No.	Voltage Phase to Phase	Phase Seq.	Phase Imbalance	Contact Ratings
TPMP0	340 - 440VAC, 50Hz	Yes	N/A	10A/220V~ Res. NO/NC
TPMP1	180 - 240VAC, 60Hz	Yes	NA	10A/220V~ Res. NO/NC

## TPMP Series

TPMP2	208-277VAC, 50/60Hz	NA	Fix. 7%	5A/240V~, Res., NO/NC
TPMP4	350 - 540VAC, 50Hz	Yes	Fix. 7%	4.5 Amp. 230V, NO
TPMP5	180 - 280VAC, 60Hz	Yes	Fix. 7%	4.5 Amp. 230V, NO
TPMP6	280 - 510VAC, 60Hz	Yes	Fix. 7%	4.5 Amp. 230V, NO
TPMP4A	350 - 540VAC, 50Hz	Yes	Adj. 4-20%	4.5 Amp. 230V, NO
TPMP5A	180 - 280VAC, 60Hz	Yes	Adj. 4-20%	4.5 Amp. 230V, NO
TPMP6A	280 - 510VAC, 60Hz	Yes	Adj. 4-20%	4.5 Amp. 230V, NO

**Technical Data**

Total power consumption	3 VA Max.
Connection	¼" Male Spade Terminals
Short cycle protection (Delay)	10 Sec., fix Delay on Make (TPMP4, 4A, 5, 5A, 6, and 6A)
Enclosure	Fire resistance plastic UL - 94VO
Size	2" x 2" x 1 1/4" (51 x 51 x 32 mm) 2.35" x 2.425" x 1.1" (TPMP2 only)
Weight	2 Oz. (54 grams)