

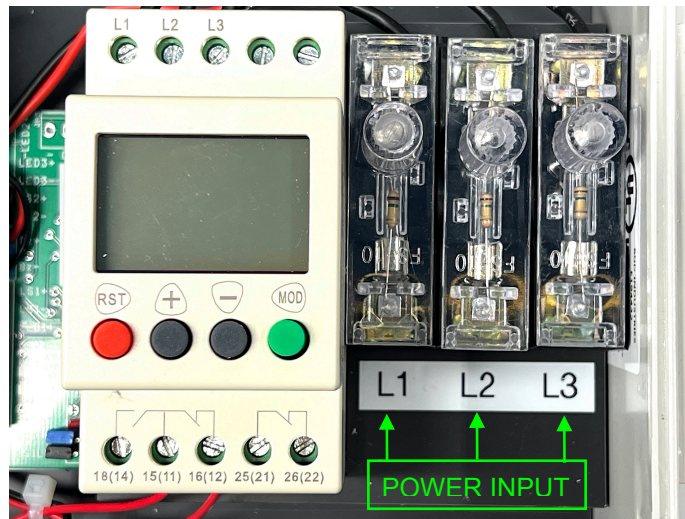
PFA-3

1. GENERAL

- Monitors three power phases and gives an alarm if any or all phases are not as specified. Uses a 9V lithium battery to power the alarm.

2. SETUP

- Bring 3 phase power up to 480V into the terminals marked L1,L2,L3.
- The default parameters are hi voltage alarm at 220V, low voltage at 205, Asymmetry of 10v between phases. For complete details please see youtube video on our web page.
- There is a relay output available across module terminals 26 and 26 which can be used to trigger a motor shutdown. 6A load capacity.



- Connect the 9V lithium battery included.
- The unit also detects the sequence of the phases and if incorrect, it indicates it with “SEQ”. In this case, switch two of the phases.

3. OPERATION

- When there is a power fault condition, the alarm sounds, the front panel indicates the nature of the fault, and the beacon LED starts flashing.
- Silence the alarm by pressing the front (blue) button. The default setting is for the alarm to sound again in 30 minutes.

4. OTHER POINTS

- The 9V battery is not consumed while power is normally on so it will last for a decade if passively standing by. When power fails, then the battery circuit is energized by a relay on the module, and it energizes the buzzer and LED. It can support 50 hours of continuous alarming like this.



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