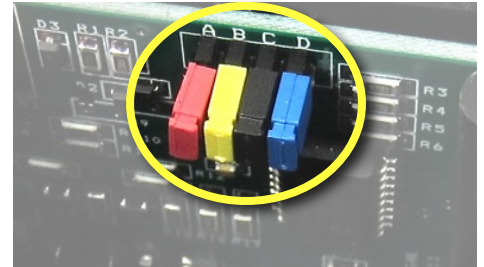


POWER FAIL ALARM (PFA-5 & PFA-6)

1. OPERATION MODES

- When there is a power failure, the buzzer sounds red LED blinks. The green button silences the buzzer. The red LED continues to blink until the fault is corrected. If enabled, the “snooze alarm” feature causes the buzzer to sound again 30 minutes after being silenced.
- The unit can produce an immediate alarm to detect 50 millisecond power interruptions, or alternatively, the unit can delay before sounding. The immediate alarm is also latching so short interruptions will not be missed.



2. SELECT MODE

The jumper pins determine the different modes as in the tables.



JUMPER	BEHAVIOR	JMP ON	JMP OFF
A	PLUG DETECTION	N/A	DISABLED
B	30 MIN. SNOOZE ALARM	ENABLED	DISABLED

Jumpers C and D work in combination to produce 4 different modes as follows:



C	D	MODE	BUZZER DELAY	LATCHING ††
ON	ON	1	None	Yes. ††
OFF	ON	2	10 sec.	No
ON	OFF	3	30 sec.	No
OFF	OFF	4	15 min.	No

††
Latching means the alarm stays on (even if the fault is corrected) until manually cleared by pushing the green button.

3. OUTPUT

A contact close (or open) is available on the 3-position terminal block marked J3. If connecting to an external device like a building alarm, use the cord grip provided. (shipped with a plug in it)

4. OTHER NOTES

- RED LED FLASHING: always indicates a fault, either no power, or low battery, or no plug. (if plug detection is enabled).
- BATTERY LIFE is more than 10 years if passively monitoring. Extended use of the buzzer (70 hours) or flashlight will naturally deplete the battery.
- LOW BATTERY voltage is signaled by 5 seconds of quick beeping twice per minute and continuous flashing of the red LED.
- FRONT BUTTON is illuminated to show that power is present.
- PLUG DETECTION not available. This feature is only available on the PFA-1 or PFA-2.



J3 TERMINAL BLOCK

May 30, 2019