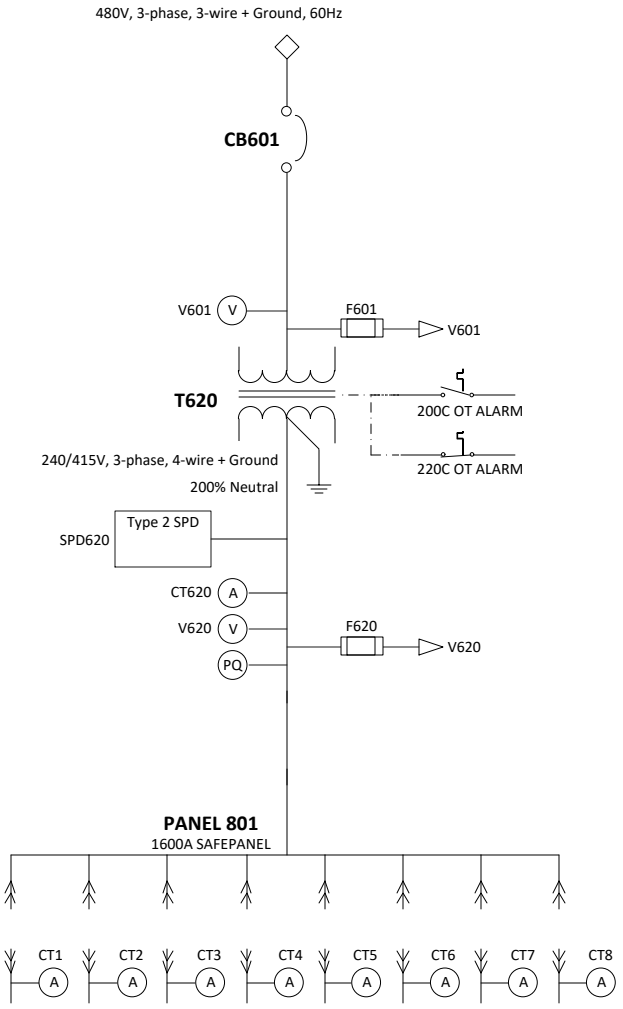
Series 70 ePODs: Type-X

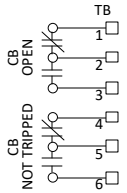


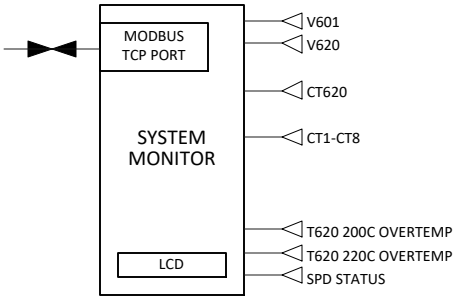
TRANSFORMER DATA

REF NO	INPUT	OUTPUT	SIZE	K-FACTOR	TEMP RISE	EFFICIENCY CLASS	INRUSH
T620	480V, 3-Phase, 3-Wire + Ground	240/415V, 3-phase, 4-wire + Ground	1000kVA	k-9	150C	Per DOE 2016	5X Max

CIRCUIT BREAKER DATA

REF NO	RATING	FAULT RATING	TYPE	MOUNTING	AUXILIARY CONTACTS	SHUNT TRIPS	MFG	BREAKER SERIES
CB601	1600AF / 1600AT, 100%	65kAIC @ 480VAC (per UL ratings)	Electronic Trip (LSI)	Fixed	Yes - wired to terminal blocks	No	ABB	Emax 2





ADDITIONAL INFORMATION:
- Display Type: Intermediate: 800x600 pixels, 16-bit color
- All subfeed harnesses are provided. Subfeed CTs are to be purchased with subfeed circuit breakers at time of subfeed circuit breaker purchase.
- Common Alarm for Open/Closed Status of Subfeed Circuit Breakers

SAFEPANEL NOTES
1. FOR 400AF SUBFEED CIRCUIT BREAKERS:
   a. MAXIMUM RATING OF ADJACENT CIRCUIT BREAKERS: 80%
   b. FOR 100% RATING, ONE EMPTY SPACE IS REQUIRED ABOVE CIRCUIT BREAKER.

LEGEND

(A) CURRENT METERING POINT

(PQ) POWER QUALITY METERING POINT

(V) VOLTAGE METERING POINT

LayerZero Power Systems, Inc.

PAGE DESCRIPTION: ONE LINE DIAGRAM, Type-X ePODs

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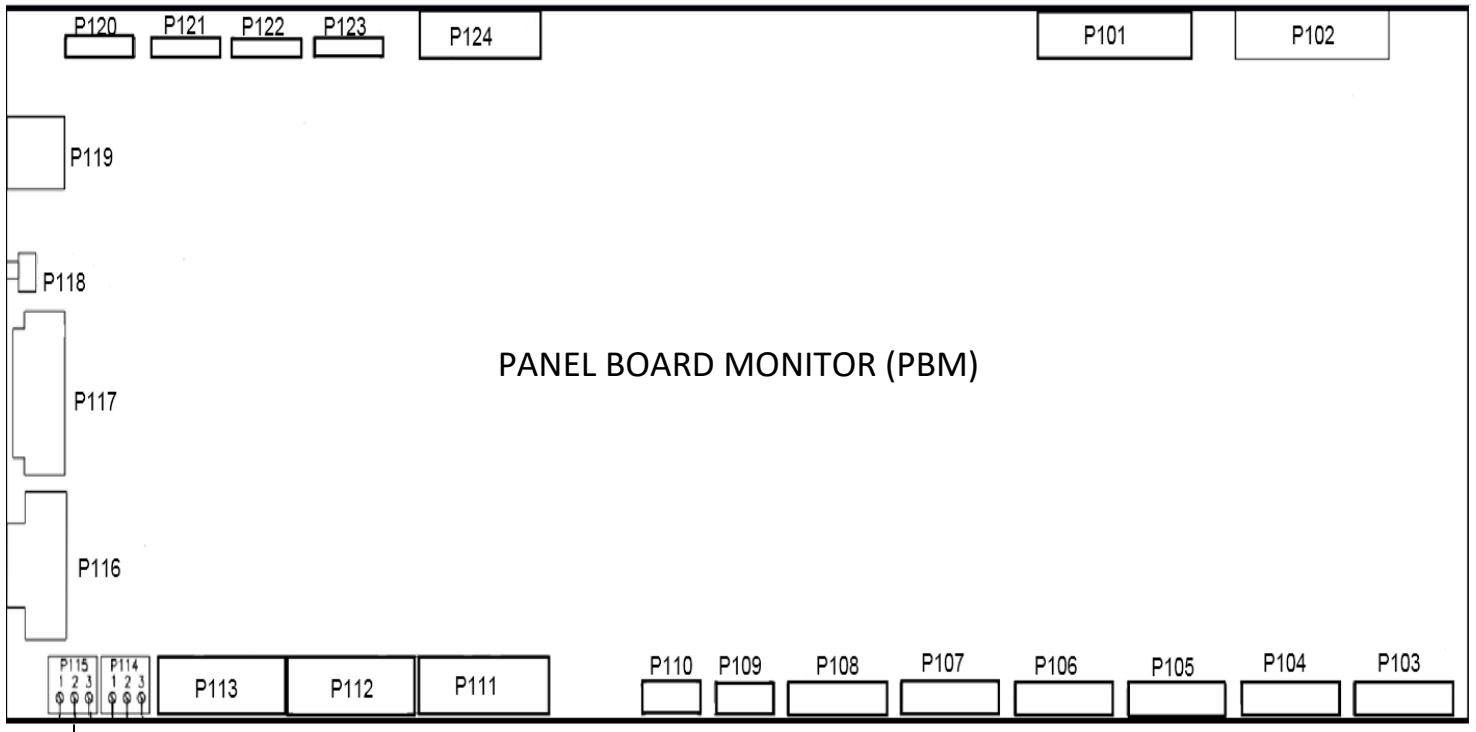
PANEL BOARD MONITOR (PBM)

SYMBOL FOR CLOSED CONTACTS



P115
SUMMARY ALARM

SUMMARY ALARM

NO SUMMARY ALARM

NOTES:

1. TERMINAL NUMBERS REFER TO TERMINALS ON PANEL BOARD MONITOR (PBM). THE PBM IS LOCATED IN THE CONTROLS/MONITORING SECTION. REFER TO THE MECHANICAL OUTLINE DRAWING FOR EXACT LOCATION.

2. TERMINALS SUITABLE FOR AWG 20-16 STRANDED COPPER WIRE. MAXIMUM ONE WAY LENGTH FOR #16: 500 ft (152 m).

3. ALL WIRING TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL LOCAL CODES. CONTROL AND STATUS WIRING MUST BE RUN AND IN SEPARATE CONDUIT FROM POWER WIRING.

4. SUMMARY ALARM CONTACTS ARE DRY, POTENTIAL-FREE CONTACTS. CUSTOMER REQUIREMENTS ARE AS FOLLOWS:
   a. Open circuit voltage <= 120 V RMS AC.
   b. Closed circuit current <= 1 A RMS.

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