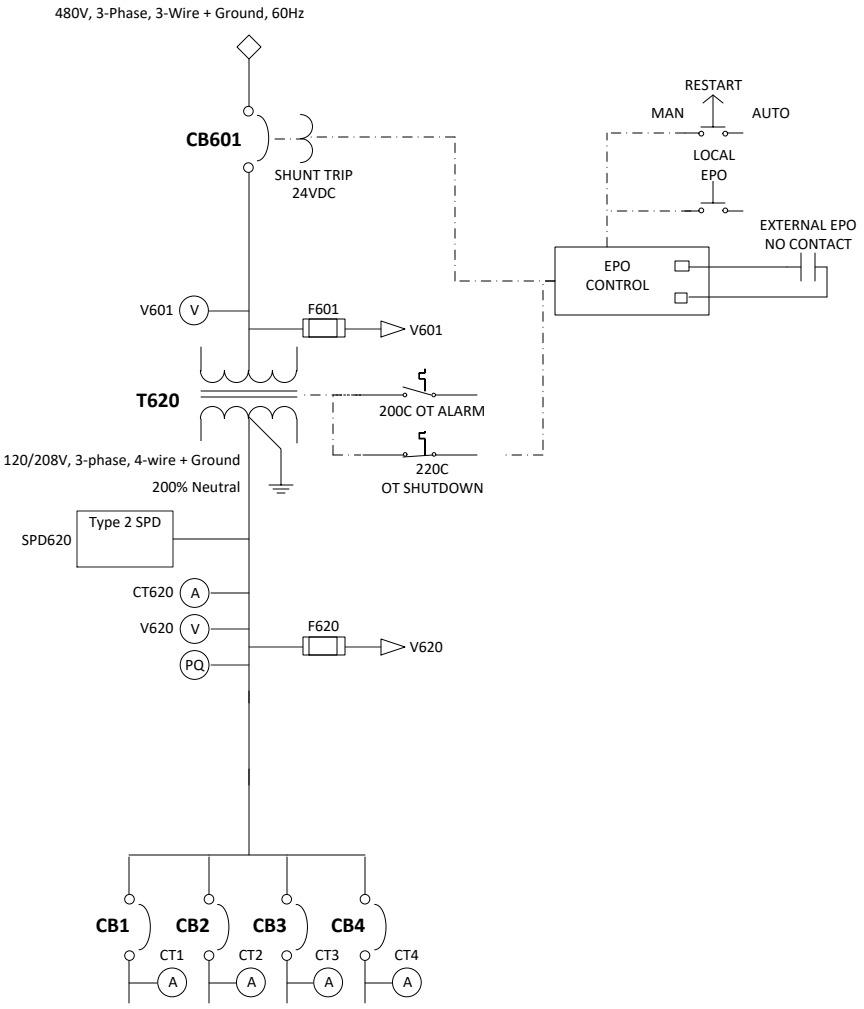
Series 70 ePODs: Type-X

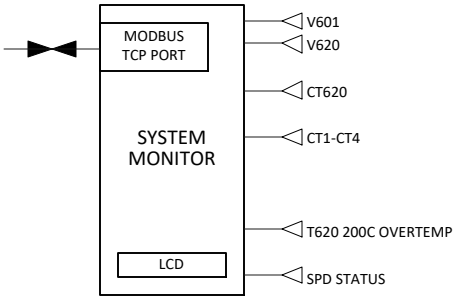


TRANSFORMER DATA

REF NO	INPUT	OUTPUT	SIZE	K-FACTOR	TEMP RISE	EFFICIENCY CLASS	INRUSH
T620	480V, 3-Phase, 3-Wire + Ground	120/208V, 3-phase, 4-wire + Ground	225kVA	k-13	115C	Per DOE 2016	Standard

CIRCUIT BREAKER DATA

REF NO	RATING	FAULT RATING	TYPE	MOUNTING	AUXILIARY CONTACTS	SHUNT TRIPS	MFG	BREAKER SERIES
CB601	400AF / 400AT, 80%	65kAIC @ 480VAC (per UL ratings)	Electronic Trip (LS/I)	Fixed	No	24VDC	ABB	Tmax T5
CB1-4	250AF / 250AT, 100%	65kAIC @ 240VAC (per UL ratings)	Electronic Trip (LS/I)	Fixed, (1) 10 AWG-250 MCM load lugs (Cu ONLY)	No	No	ABB	Tmax XT4



ADDITIONAL INFORMATION:
- Display Type: Intermediate: 800x600 pixels, 16-bit color

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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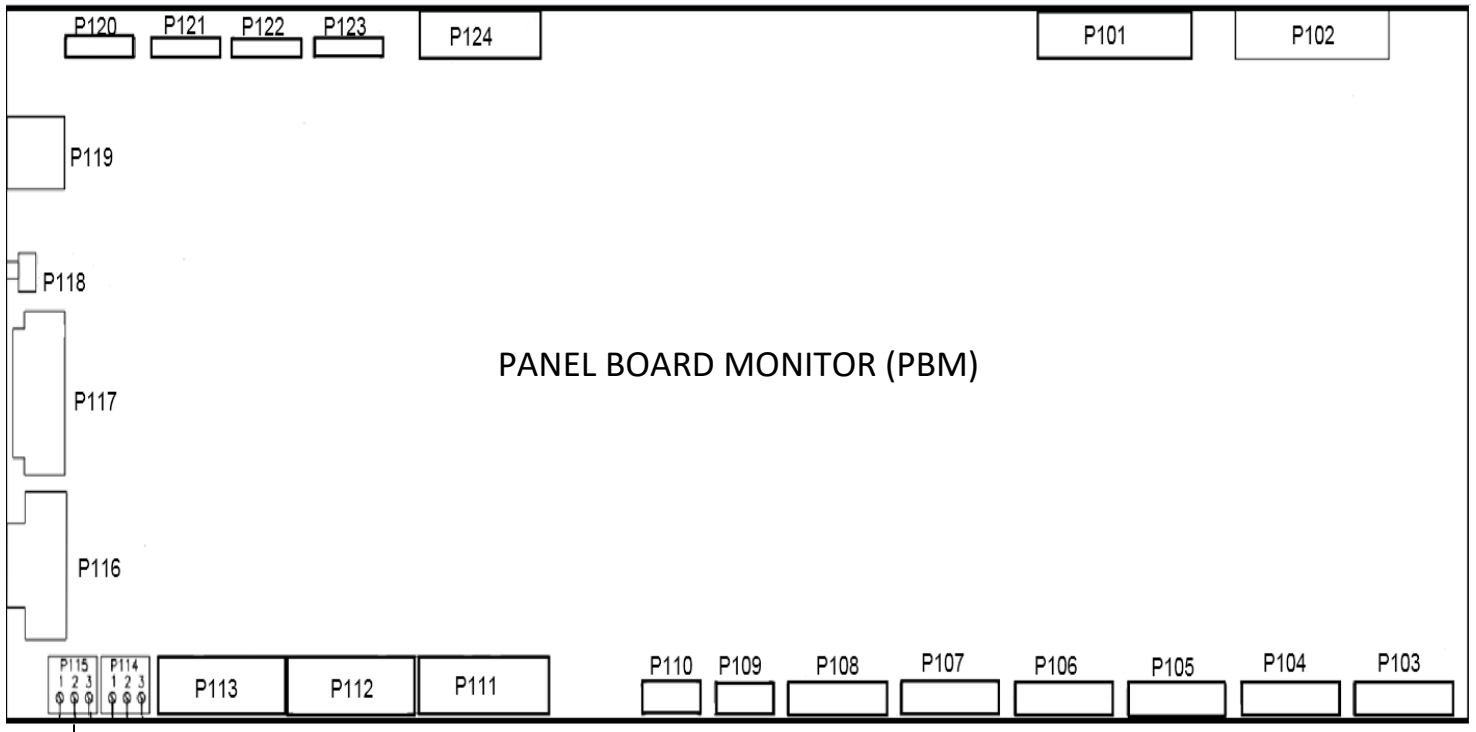
PANEL BOARD MONITOR (PBM)

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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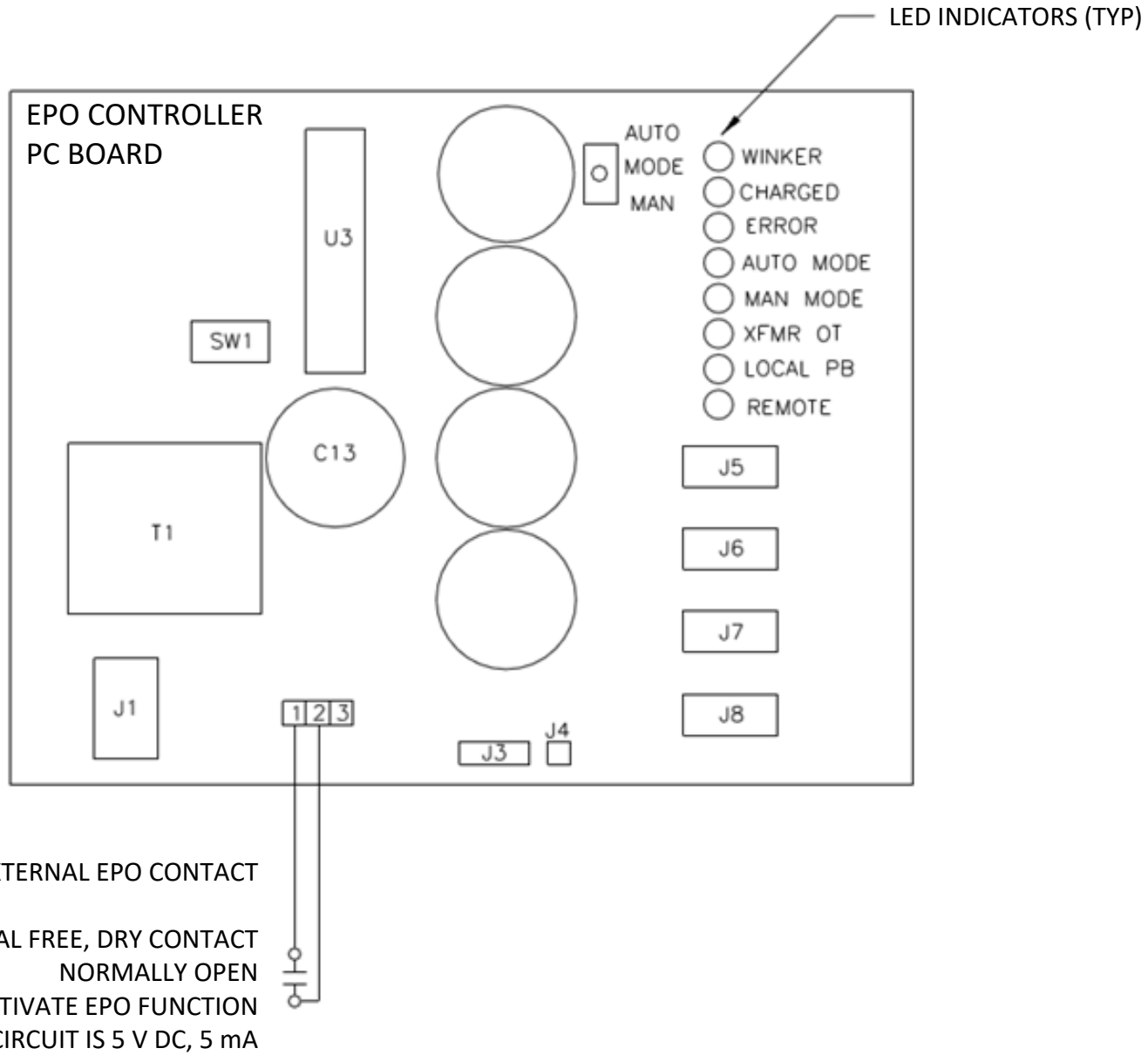
JOB	DRAWN	DATE 6/20/2023	DWG NO XePODs000793	REV A
	CHK	DATE		
	APPR	DATE	SHEET 3 OF 4	



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