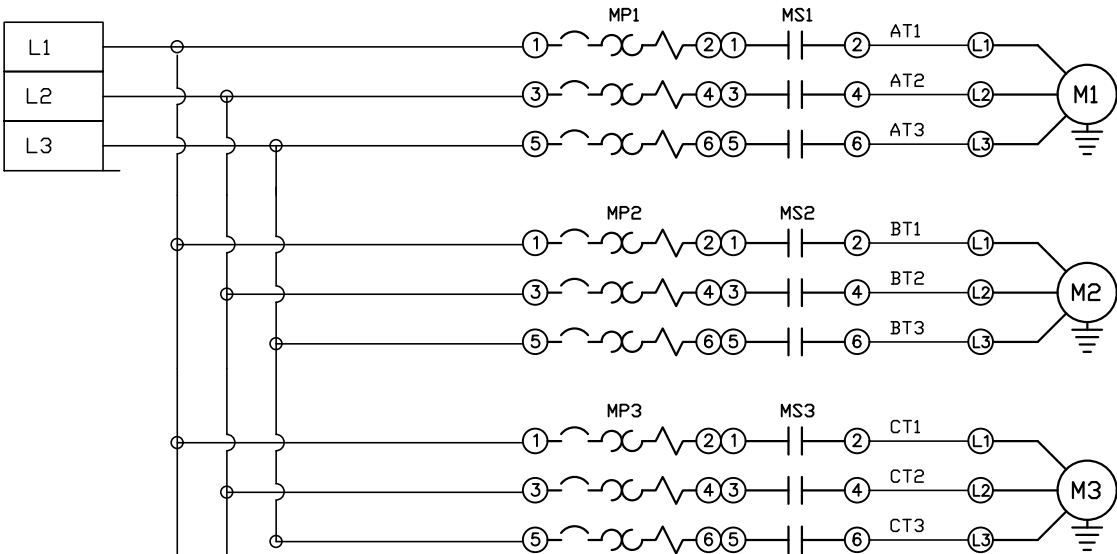


REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
K-1	ADD GND TERMINAL BLOCKS	05/07/25	PXEC0688	JA	JRD
L-1	ADD CB TO EXTERNAL DEVICES	05/28/25	PXEC0628	JA	JRD
L-2	REARRANGE PANEL LAYOUT TO FIT CIRCUIT BREAKERS	07/28/25	PXEC0628	JA	JRD
M-1	ADD GND WIRE TO PSSR	08/26/25	PXEC0668	JA	JRD
M-2	ADD TERMINAL BLCKS	9/12/2025	PXEC0668	JA	JRD

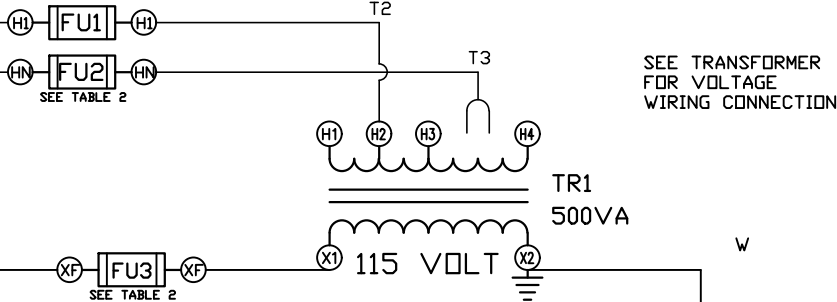


A
POWER
UNIT #1
MP1 10

UNIT POWER DATA
SEE DATA TABLE

B
POWER
UNIT #2
MP2 11

C
POWER
UNIT #3
MP3 12



SEE TRANSFORMER
FOR VOLTAGE
WIRING CONNECTION

NOTES:

- RECOMMENDED TIGHTENING TORQUES FOR WIRE TERMINALS:
208-575 VOLT POWER 35 POUND INCHES
120 VOLT POWER AND CONTROL VOLTAGE 15 POUND INCHES
- PANEL GROUND MUST BE CONNECTED TO EARTH GROUND
- INSTALLER TO PROVIDE MAIN DISCONNECTING DEVICE WITH SHORT CIRCUIT PROTECTION FOR THIS ELECTRICAL ASSEMBLY. SEE TABLE 1 FOR REQUIRMENTS.
- ALL WIRES MUST BE LABELED ON BOTH ENDS
- TRANSFORMER IS SIZED FOR LOADS SHOWN ON DRAWING ONLY. DO NOT CONNECT ANY OTHER DEVICES

TABLE 2

CONTROL CIRCUIT PROTECTION - 500VA					
	FU	208 /200 VOLT	230 VOLT	460 380 VOLT	575 VOLT
	TYPE				
FU1&2	FNQR	6A	5A	5A	4A
FU3	FNM	7A	7A	7A	7A
SEE CONTROL TRANSFORMER INSTRUCTIONS FOR CONNECTIONS					

WIRE TYPE TABLE

VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-599	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	600-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16-18AWG	YELLOW

OPTIONAL:

POWEREX™

150 PRODUCTION DRIVE HARRISON, OHIO 45030
PHONE: (888)-769-7979 FAX: (513) 367-3125

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
-------------	---------------	-------------------------

AJL	KMD	DMS
-----	-----	-----

11/27/13	11/27/13	11/27/13
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PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE WIRING

DWG. NO.

PBEI-369

SHEET

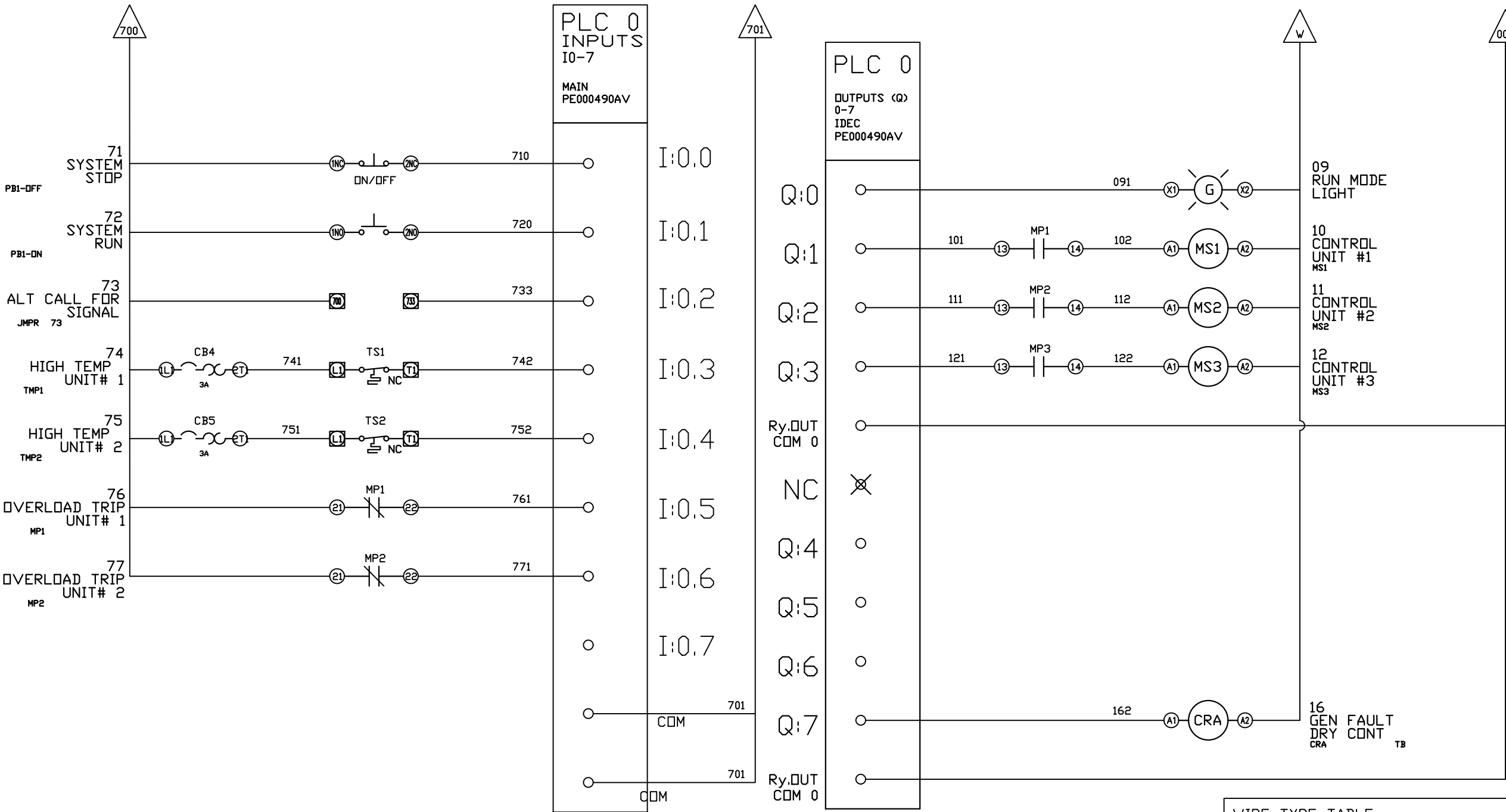
1 OF 4

SIZE

B

PBEI-369 G1

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
K-1	ADD GND TERMINAL BLOCKS	05/07/25	PXEC0688	JA	JRD
L-1	ADD CB TO EXTERNAL DEVICES	05/28/25	PXEC0628	JA	JRD
L-2	REARRANGE PANEL LAYOUT TO FIT CIRCUIT BREAKERS	07/28/25	PXEC0628	JA	JRD
M-1	ADD GND WIRE TO PSSR	08/26/25	PXEC0668	JA	JRD
M-2	ADD TERMINAL BLDCKS	9/12/2025	PXEC0668	JA	JRD



WIRE TYPE TABLE			
VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-599	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	600-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16-18AWG	YELLOW

OPTIONAL:

POWEREX™
150 PRODUCTION DRIVE HARRISON, OHIO 45030
PHONE: (888)-769-7979 FAX: (513) 367-3125

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	KMD	DMS
11/27/13	11/27/13	11/27/13

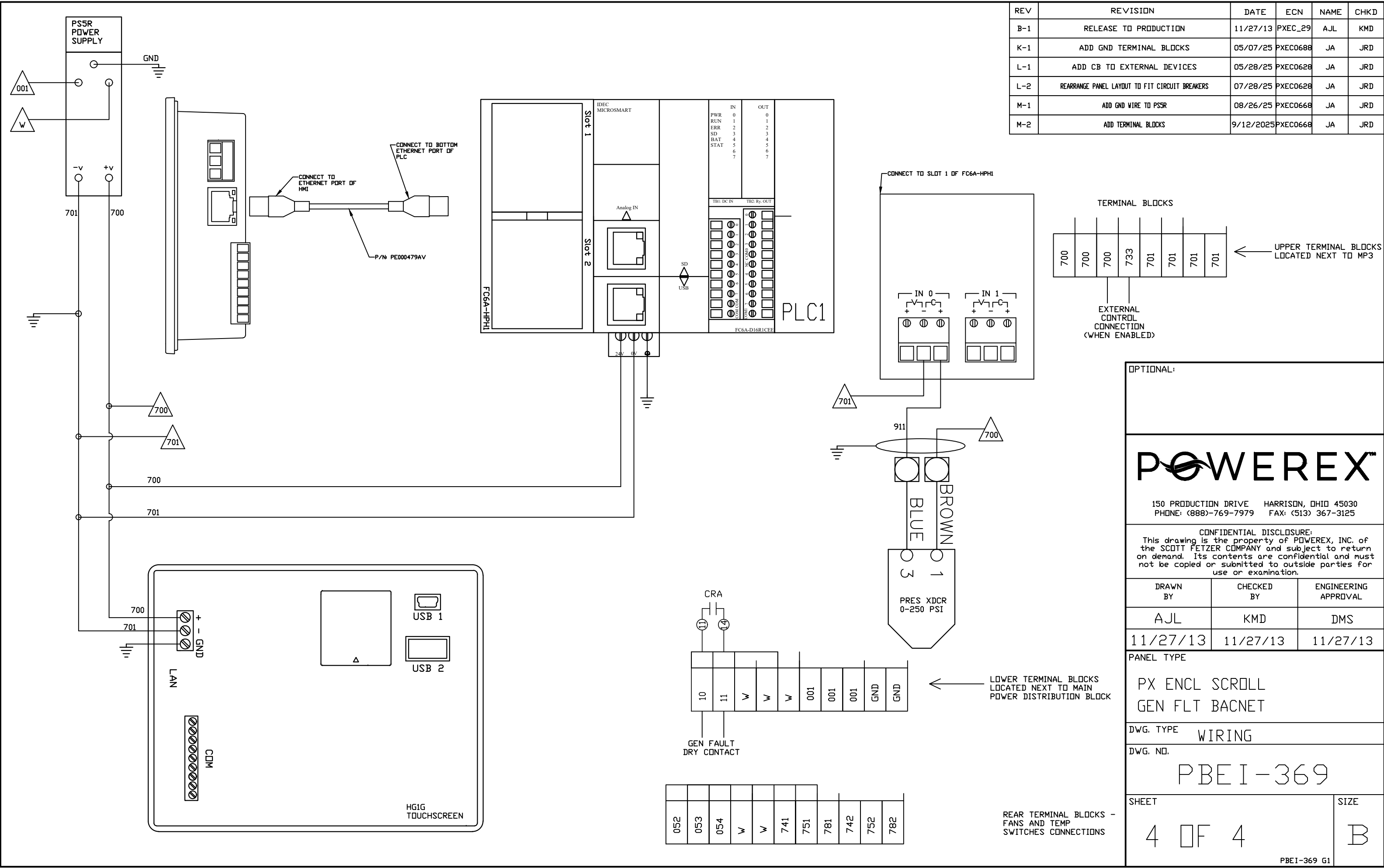
PANEL TYPE
PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE
WIRING

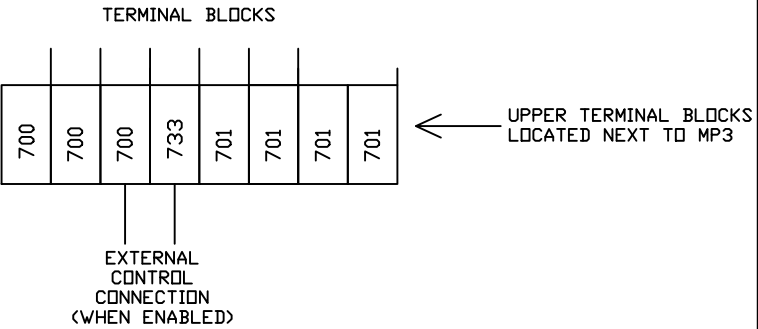
DWG. NO.
PBEI-369

SHEET	SIZE
2 OF 4	B

PBEI-369 G1



REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
K-1	ADD GND TERMINAL BLOCKS	05/07/25	PXEC0688	JA	JRD
L-1	ADD CB TO EXTERNAL DEVICES	05/28/25	PXEC0628	JA	JRD
L-2	REARRANGE PANEL LAYOUT TO FIT CIRCUIT BREAKERS	07/28/25	PXEC0628	JA	JRD
M-1	ADD GND WIRE TO PSSR	08/26/25	PXEC0668	JA	JRD
M-2	ADD TERMINAL BLOCKS	9/12/2025	PXEC0668	JA	JRD



OPTIONAL:



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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	KMD	DMS
11/27/13	11/27/13	11/27/13

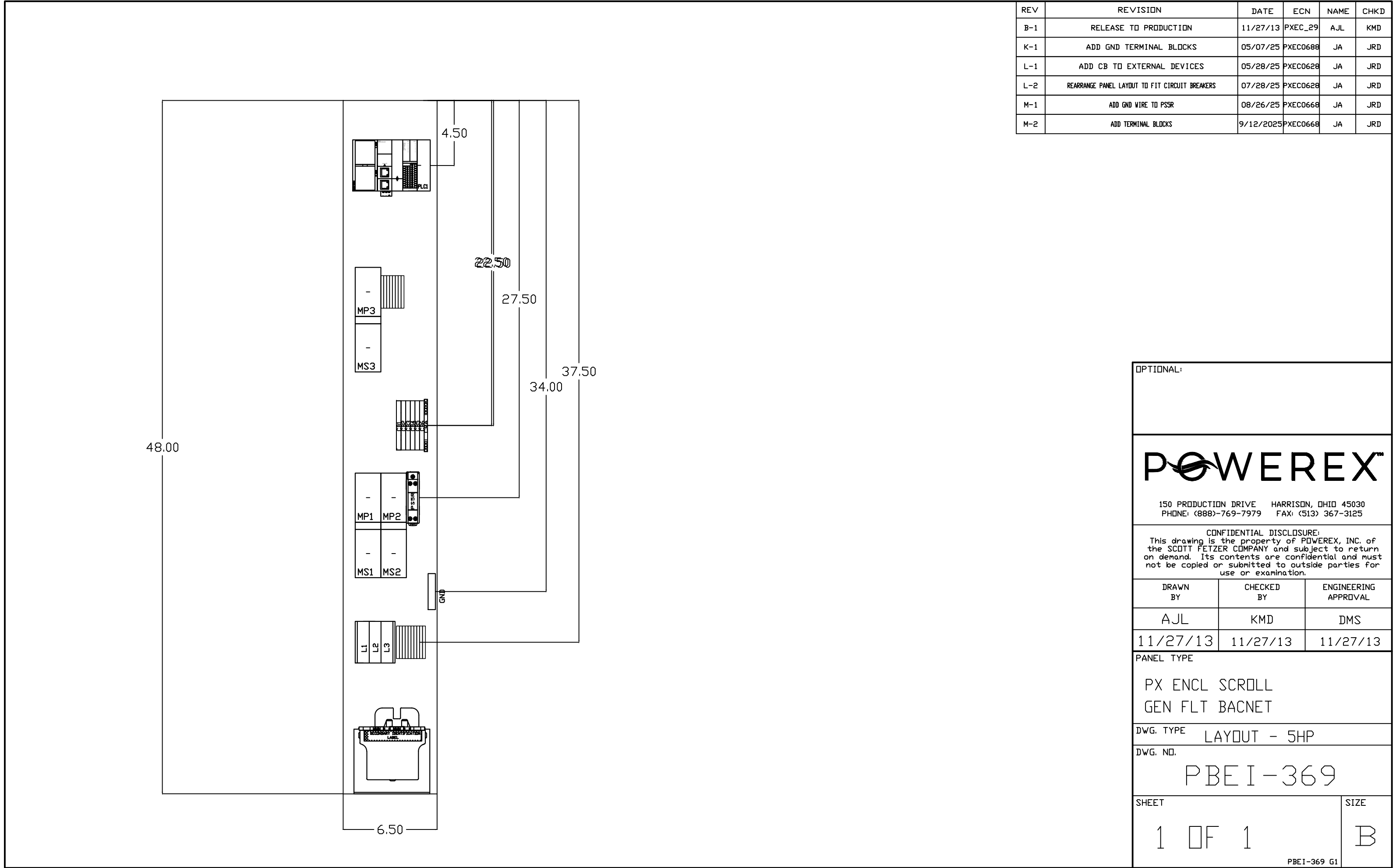
PANEL TYPE
PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE
WIRING

DWG. NO.
PBEI-369

SHEET
4 OF 4

SIZE
B



REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
K-1	ADD GND TERMINAL BLOCKS	05/07/25	PXEC0688	JA	JRD
L-1	ADD CB TO EXTERNAL DEVICES	05/28/25	PXEC0628	JA	JRD
L-2	REARRANGE PANEL LAYOUT TO FIT CIRCUIT BREAKERS	07/28/25	PXEC0628	JA	JRD
M-1	ADD GND WIRE TO PSSR	08/26/25	PXEC0668	JA	JRD
M-2	ADD TERMINAL BLCKS	9/12/2025	PXEC0668	JA	JRD

OPTIONAL:

POWEREX™

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PHONE: (888)-769-7979 FAX: (513) 367-3125

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

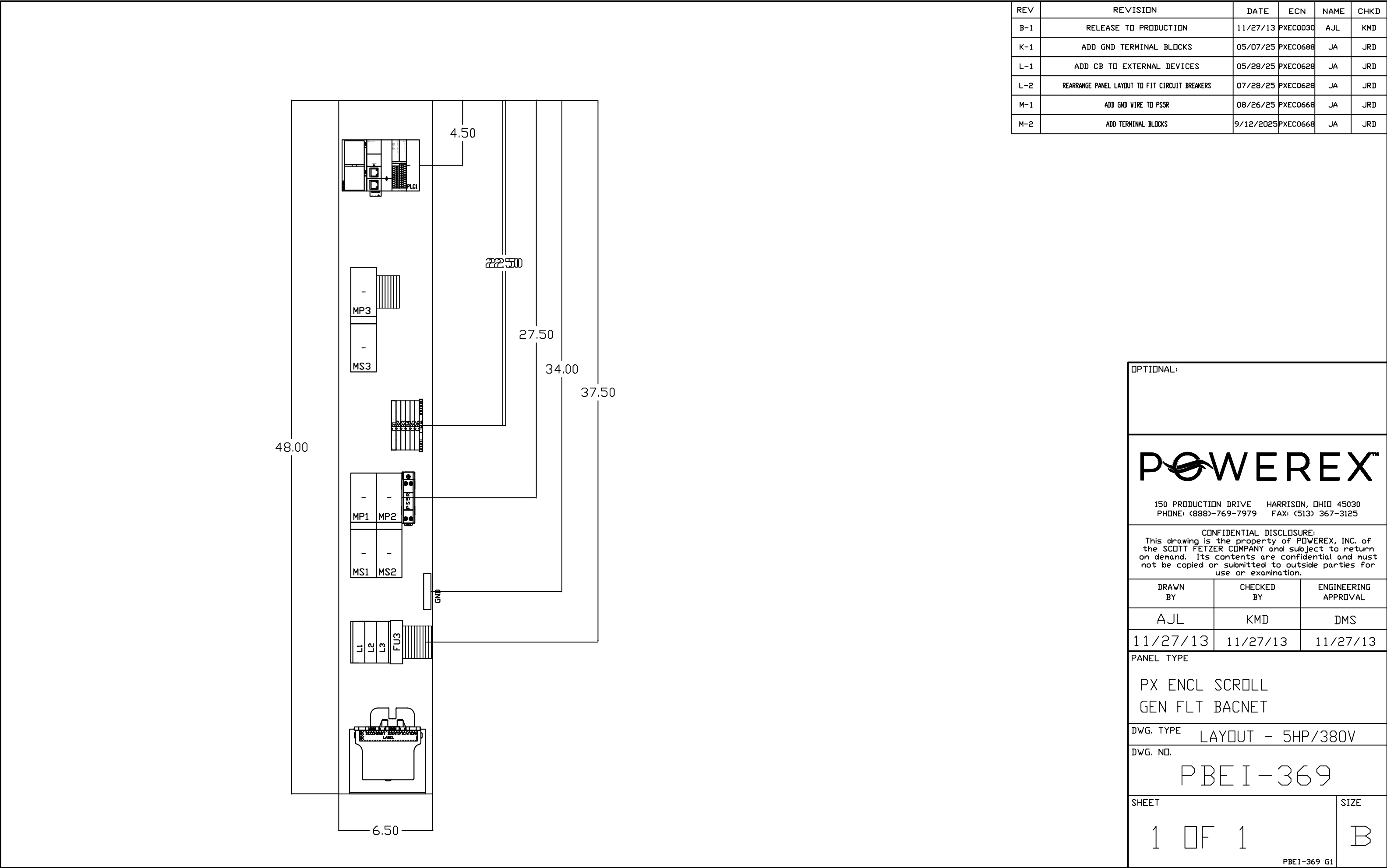
DWG. TYPE LAYOUT - 5HP

DWG. NO.

PBEI-369

SHEET	SIZE
1 OF 1	B

PBEI-369 G1



REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC0030	AJL	KMD
K-1	ADD GND TERMINAL BLOCKS	05/07/25	PXEC0688	JA	JRD
L-1	ADD CB TO EXTERNAL DEVICES	05/28/25	PXEC0628	JA	JRD
L-2	REARRANGE PANEL LAYOUT TO FIT CIRCUIT BREAKERS	07/28/25	PXEC0628	JA	JRD
M-1	ADD GND WIRE TO PSSR	08/26/25	PXEC0668	JA	JRD
M-2	ADD TERMINAL BLCKS	9/12/2025	PXEC0668	JA	JRD

OPTIONAL:



150 PRODUCTION DRIVE HARRISON, OHIO 45030
PHONE: (888)-769-7979 FAX: (513) 367-3125

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	KMD	DMS
11/27/13	11/27/13	11/27/13

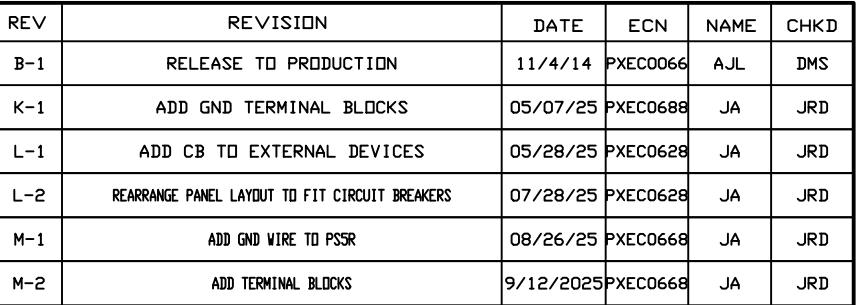
PANEL TYPE
PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE LAYOUT - 5HP/380V

DWG. NO.
PBEI-369

SHEET	SIZE
1 OF 1	B

PBEI-369 G1



SHEET	SIZE
1 OF 1	B
PBE1-369 G1	

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
K-1	ADD GND TERMINAL BLOCKS	05/07/25	PXEC0688	JA	JRD
L-1	ADD CB TO EXTERNAL DEVICES	05/28/25	PXEC0628	JA	JRD
L-2	REARRANGE PANEL LAYOUT TO FIT CIRCUIT BREAKERS	07/28/25	PXEC0628	JA	JRD
M-1	ADD GND WIRE TO PSSR	08/26/25	PXEC0668	JA	JRD
M-2	ADD TERMINAL BLCKS	9/12/2025	PXEC0668	JA	JRD

TABLE 1

PANEL DATA 3Ø – 60 Hz 500VA CONTROL CIRCUIT					(B) BRANCH CIRCUIT PROTECTION – PROVIDED BY INSTALLER		
PANEL PART NUMBER	MOTOR SIZE EACH	(A) POWER (V/Ph)	(A) MOTOR LOAD EACH (FLA)	PANEL LOAD TOTAL (FLA)	NONTIME DELAY FUSE	TIME-DELAY FUSE	INVERSE-TIME CIRCUIT BREAKER
PEI369FEAJ	5	200V/3Ø	15.2	47.6	80A	60A	80A
NOTE– ADJUST OVERCURRENT PROTECTION DEVICE NOT TO EXCEED 115% OF MOTOR NAMEPLATE FLA VALUE							

OPTIONAL:



150 PRODUCTION DRIVE HARRISON, OHIO 45030
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use or examination.

DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET

DWG. TYPE MISC DATA

DWG. NO.

PBEI-369

SHEET

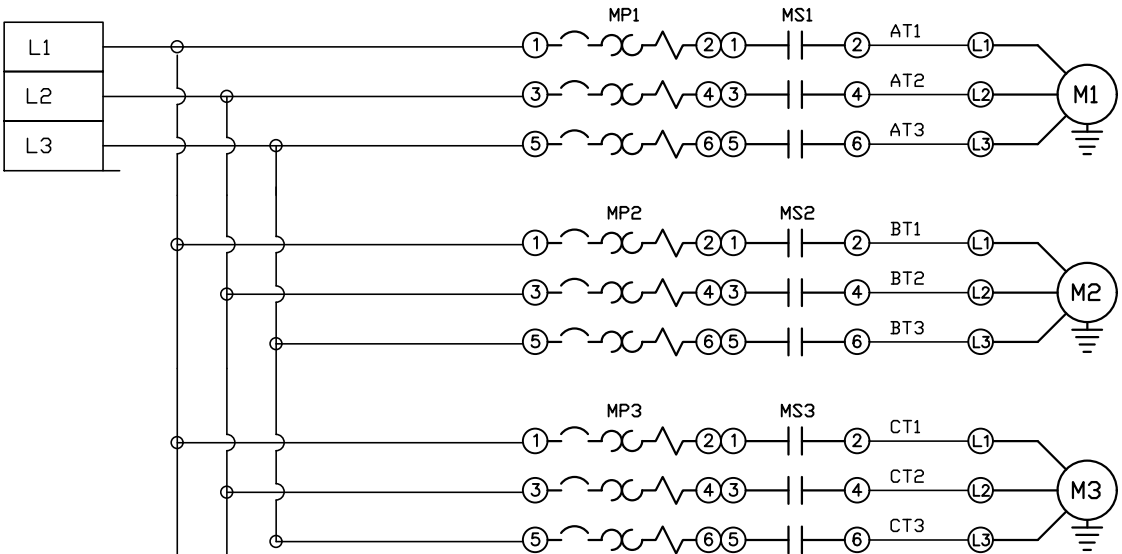
1 OF 1

SIZE

B

PBEI-369 G1

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
K-1	ADD GND TERMINAL BLOCKS	05/07/25	PXEC0688	JA	JRD
L-1	ADD CB TO EXTERNAL DEVICES	05/28/25	PXEC0628	JA	JRD
L-2	REARRANGE PANEL LAYOUT TO FIT CIRCUIT BREAKERS	07/28/25	PXEC0628	JA	JRD
M-1	ADD GND WIRE TO PSSR	08/26/25	PXEC0668	JA	JRD
M-2	ADD TERMINAL BLCKS	9/12/2025	PXEC0668	JA	JRD

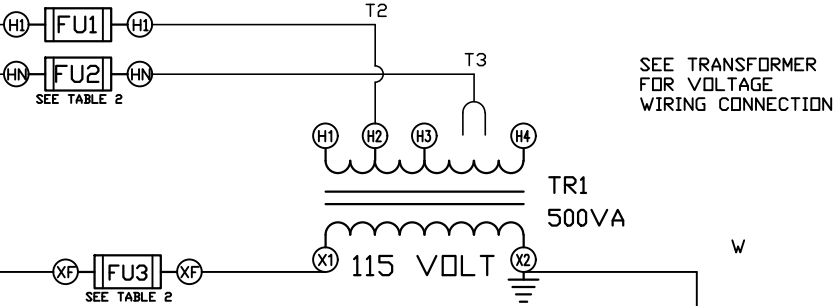


A
POWER
UNIT #1
MP1 10

UNIT POWER DATA
SEE DATA TABLE

B
POWER
UNIT #2
MP2 11

C
POWER
UNIT #3
MP3 12



SEE TRANSFORMER
FOR VOLTAGE
WIRING CONNECTION

NOTES:

- RECOMMENDED TIGHTENING TORQUES FOR WIRE TERMINALS:
208-575 VOLT POWER 35 POUND INCHES
120 VOLT POWER AND CONTROL VOLTAGE 15 POUND INCHES
- PANEL GROUND MUST BE CONNECTED TO EARTH GROUND
- INSTALLER TO PROVIDE MAIN DISCONNECTING DEVICE WITH SHORT CIRCUIT PROTECTION FOR THIS ELECTRICAL ASSEMBLY. SEE TABLE 1 FOR REQUIRMENTS.
- ALL WIRES MUST BE LABELED ON BOTH ENDS
- TRANSFORMER IS SIZED FOR LOADS SHOWN ON DRAWING ONLY. DO NOT CONNECT ANY OTHER DEVICES

TABLE 2

CONTROL CIRCUIT PROTECTION - 500VA					
	FU	208	230	460	575
	TYPE	VOLT	VOLT	380	VOLT
FU1&2	FNQR	6A	5A	5A	4A
FU3	FNM	7A	7A	7A	7A
SEE CONTROL TRANSFORMER INSTRUCTIONS FOR CONNECTIONS					

WIRE TYPE TABLE

VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-599	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	600-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16-18AWG	YELLOW

OPTIONAL:

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
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AJL	KMD	DMS
-----	-----	-----

11/27/13	11/27/13	11/27/13
----------	----------	----------

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET, HEAT MNGR

DWG. TYPE WIRING

DWG. NO.

PBEI-369

SHEET

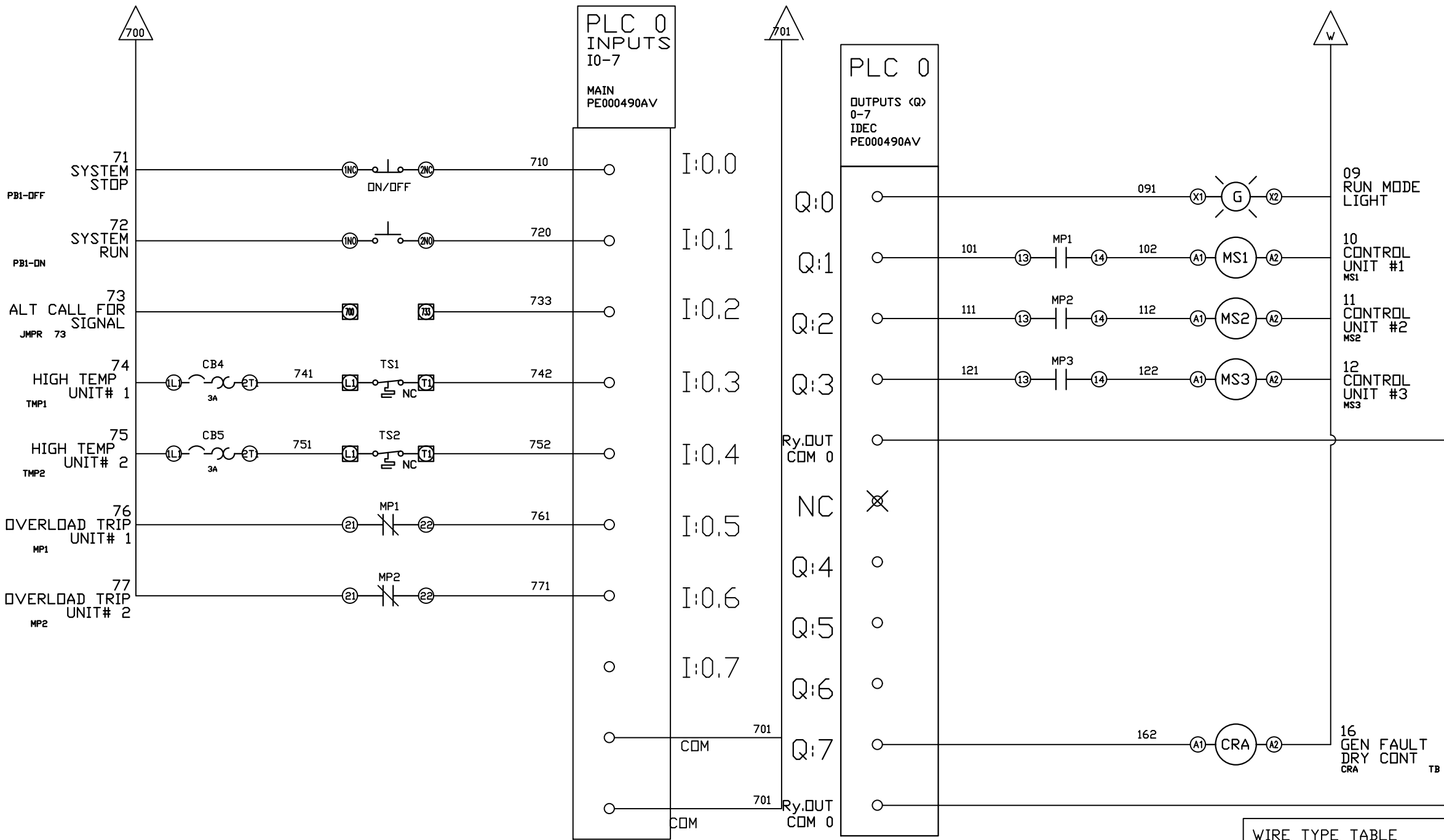
1 OF 5

SIZE

B

PBEI-369 G1

REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
K-1	ADD GND TERMINAL BLOCKS	05/07/25	PXEC0688	JA	JRD
L-1	ADD CB TO EXTERNAL DEVICES	05/28/25	PXEC0628	JA	JRD
L-2	REARRANGE PANEL LAYOUT TO FIT CIRCUIT BREAKERS	07/28/25	PXEC0628	JA	JRD
M-1	ADD GND WIRE TO PSSR	08/26/25	PXEC0668	JA	JRD
M-2	ADD TERMINAL BLOCKS	9/12/2025	PXEC0668	JA	JRD



OPTIONAL:

150 PRODUCTION DRIVE
PHONE: (888)-769-7979

HARRISON, OHIO 45030
FAX: (513) 367-3125

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE
PX ENCL SCROLL
GEN FLT BACNET, HEAT MNGR

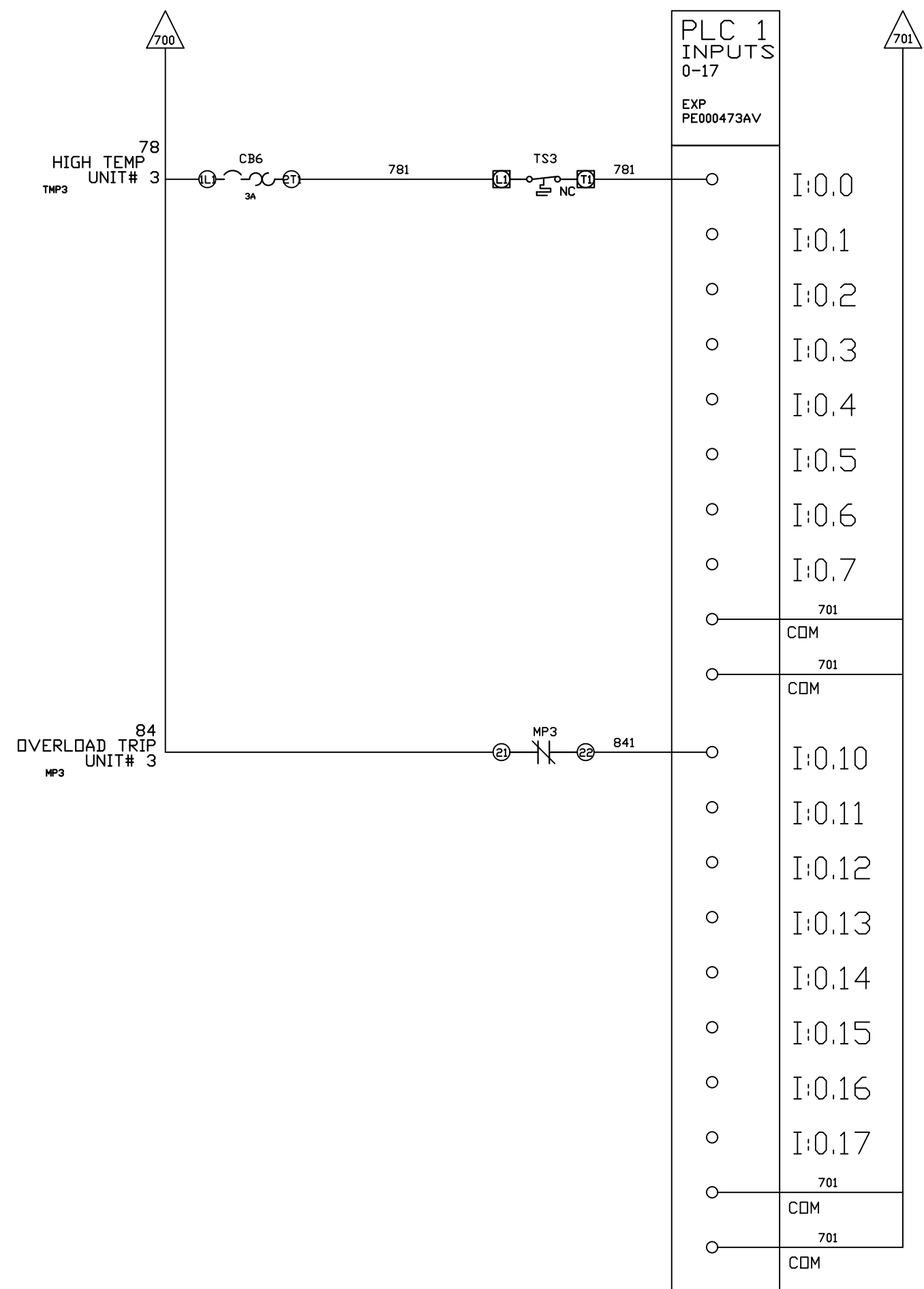
DWG. TYPE
WIRING

DWG. NO.

PBEI-369

WIRE TYPE TABLE			
VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-599	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	600-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16-18AWG	YELLOW

SHEET	SIZE
2 OF 5	B



REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
K-1	ADD GND TERMINAL BLOCKS	05/07/25	PXEC0688	JA	JRD
L-1	ADD CB TO EXTERNAL DEVICES	05/28/25	PXEC0628	JA	JRD
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M-1	ADD GND WIRE TO PSSR	08/26/25	PXEC0668	JA	JRD
M-2	ADD TERMINAL BLCKS	9/12/2025	PXEC0668	JA	JRD

OPTIONAL:



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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE
PX ENCL SCROLL
GEN FLT BACNET, HEAT MNGR

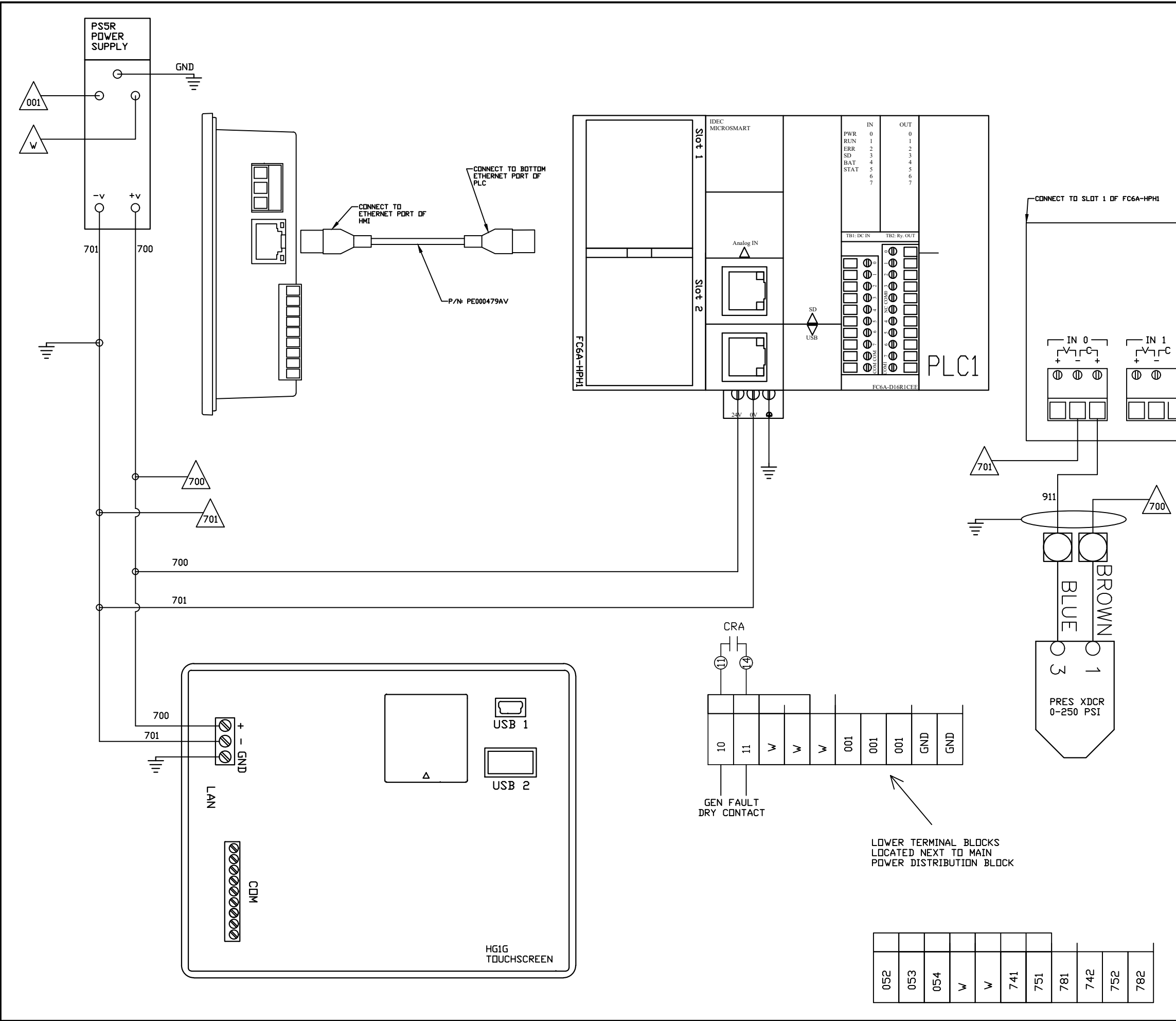
DWG. TYPE WIRING

DWG. NO.

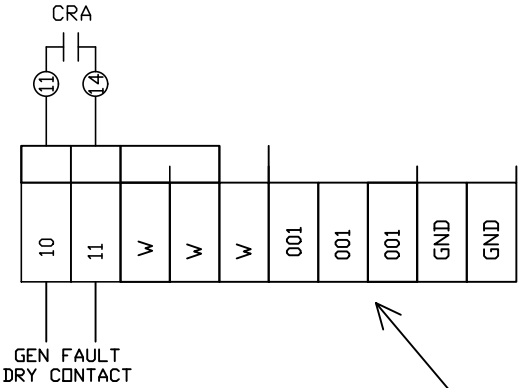
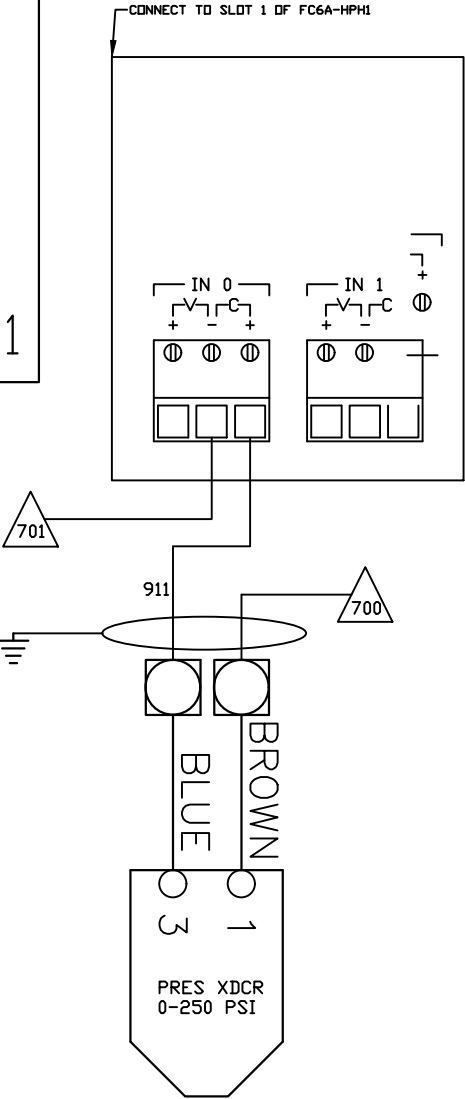
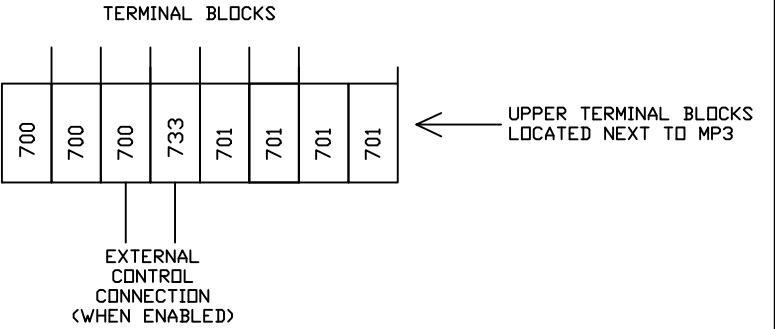
PBEI-369

WIRE TYPE TABLE			
VOLTAGE	WIRE NUMBERS	GAUGE	COLOR
120VAC	001-599	16-18AWG	RED/BLK
0VAC	W	16-18AWG	WHT/BLK
24VDC	600-999	16-18AWG	PURPLE
0VDC	701	16-18AWG	PURPLE
GND	-	VARIES	GREEN
CUSTOMER SUPPLY	01-99	16-18AWG	YELLOW

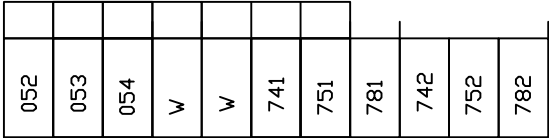
SHEET	SIZE
3 OF 5	B



REV	REVISION	DATE	ECN	NAME	CHKD
B-1	RELEASE TO PRODUCTION	11/27/13	PXEC_29	AJL	KMD
K-1	ADD GND TERMINAL BLOCKS	05/07/25	PXEC0688	JA	JRD
L-1	ADD CB TO EXTERNAL DEVICES	05/28/25	PXEC0628	JA	JRD
L-2	REARRANGE PANEL LAYOUT TO FIT CIRCUIT BREAKERS	07/28/25	PXEC0628	JA	JRD
M-1	ADD GND WIRE TO PSSR	08/26/25	PXEC0668	JA	JRD
M-2	ADD TERMINAL BLOCKS	9/12/2025	PXEC0668	JA	JRD



LOWER TERMINAL BLOCKS
LOCATED NEXT TO MAIN
POWER DISTRIBUTION BLOCK



REAR TERMINAL BLOCKS -
FANS AND TEMP
SWITCHES CONNECTIONS

OPTIONAL:

POWEREX™

150 PRODUCTION DRIVE HARRISON, OHIO 45030
PHONE: (888)-769-7979 FAX: (513) 367-3125

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DRAWN BY	CHECKED BY	ENGINEERING APPROVAL
AJL	KMD	DMS
11/27/13	11/27/13	11/27/13

PANEL TYPE

PX ENCL SCROLL
GEN FLT BACNET, HEAT MNGR

DWG. TYPE WIRING

DWG. NO. PBEI-369

SHEET	SIZE
4 OF 5	B

PBEI-369 G1